

Excelchem Laboratories, Inc.

Paradise Irrigation District
13888 Pine Needle Dr.
Magalia, CA 95954

Project: Camp Fire VOC Testing, June 2019
Project Number: [none]
Project Manager: Laura Capra

Date Reported:
06/26/19 17:12

**0977_AS 5657 Recreation Dr_S93 Hydrant First Draw
1906069-11 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by EPA 524.2								
TBA	ND	2.5	ug/l	AJF0135	06/19/19	06/19/19	EPA 524.2	U
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	U
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	U
Vinyl chloride	ND	0.5	"	"	"	"	"	Z-01, U
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	U
Total Trihalomethanes	53.6	0.5	"	"	"	"	"	
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	U
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	U
Methylene chloride	ND	1.0	"	"	"	"	"	U
Carbon disulfide	ND	0.5	"	"	"	"	"	U
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	U
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	U
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	U
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	U
Carbon tetrachloride	ND	0.5	"	"	"	"	"	U
Chloroform	49.6	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	U
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	U
Trichloroethene	ND	0.5	"	"	"	"	"	U
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	U
Bromodichloromethane	4.0	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	U
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	U
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	U
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	U
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	U
Tetrachloroethene	ND	0.5	"	"	"	"	"	U
Chlorobenzene	ND	0.5	"	"	"	"	"	U
Dibromochloromethane	ND	0.5	"	"	"	"	"	U
Ethylbenzene	ND	0.5	"	"	"	"	"	U
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	U
m,p-Xylene	ND	0.5	"	"	"	"	"	U
o-Xylene	ND	0.5	"	"	"	"	"	U
Styrene	ND	0.5	"	"	"	"	"	Z-01, U
Bromoform	ND	0.5	"	"	"	"	"	U
Isopropylbenzene	ND	0.5	"	"	"	"	"	U
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	U
1,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	U
n-Propylbenzene	ND	0.5	"	"	"	"	"	U

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Volatile Organic Compounds by EPA 524.2

1,4-Dichlorobenzene	ND	0.5	ug/l	AJF0135	06/19/19	06/19/19	EPA 524.2	U
1,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	U
2-Chlorotoluene	ND	0.5	"	"	"	"	"	U
4-Chlorotoluene	ND	0.5	"	"	"	"	"	U
1,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	U
tert-Butylbenzene	ND	0.5	"	"	"	"	"	U
1,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	U
1,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	U
sec-Butylbenzene	ND	0.5	"	"	"	"	"	U
n-Butylbenzene	ND	0.5	"	"	"	"	"	U
1,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	U
Naphthalene	ND	0.5	"	"	"	"	"	U
1,3-Dichloropropene (total)	ND	1.0	"	"	"	"	"	U
Xylenes, total	ND	1.0	"	"	"	"	"	U
<i>Surrogate: Dibromofluoromethane</i>	<i>111 %</i>	<i>% Recovery Limits</i>		<i>70-130</i>			<i>"</i>	
<i>Surrogate: Toluene-d8</i>	<i>101 %</i>	<i>% Recovery Limits</i>		<i>70-130</i>			<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>91.8 %</i>	<i>% Recovery Limits</i>		<i>70-130</i>			<i>"</i>	

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**0977_ML 5657 Recreation Dr_S93 Second Draw
1906069-12 (Water)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
Volatile Organic Compounds by EPA 524.2								
TBA	ND	2.5	ug/l	AJF0135	06/19/19	06/19/19	EPA 524.2	U
Methyl tert-Butyl Ether	ND	0.5	"	"	"	"	"	U
Dichlorodifluoromethane	ND	0.5	"	"	"	"	"	U
Vinyl chloride	ND	0.5	"	"	"	"	"	Z-01, U
Total Trihalomethanes	31.8	0.5	"	"	"	"	"	
Trichlorofluoromethane	ND	0.5	"	"	"	"	"	U
1,1-Dichloroethene	ND	0.5	"	"	"	"	"	U
Trichlorotrifluoroethane	ND	1.0	"	"	"	"	"	U
Methylene chloride	ND	1.0	"	"	"	"	"	U
Carbon disulfide	ND	0.5	"	"	"	"	"	U
trans-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	U
cis-1,2-Dichloroethene	ND	0.5	"	"	"	"	"	U
1,1-Dichloroethane	ND	0.5	"	"	"	"	"	U
1,1,1-Trichloroethane	ND	0.5	"	"	"	"	"	U
Carbon tetrachloride	ND	0.5	"	"	"	"	"	U
Chloroform	29.0	0.5	"	"	"	"	"	
Benzene	ND	0.5	"	"	"	"	"	U
1,2-Dichloroethane	ND	0.5	"	"	"	"	"	U
Trichloroethene	ND	0.5	"	"	"	"	"	U
1,2-Dichloropropane	ND	0.5	"	"	"	"	"	U
Bromodichloromethane	2.8	0.5	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	U
cis-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	U
1,1,2-Trichloroethane	ND	0.5	"	"	"	"	"	U
4-Methyl-2-pentanone	ND	5.0	"	"	"	"	"	U
trans-1,3-Dichloropropene	ND	0.5	"	"	"	"	"	U
Tetrachloroethene	ND	0.5	"	"	"	"	"	U
Chlorobenzene	ND	0.5	"	"	"	"	"	U
Dibromochloromethane	ND	0.5	"	"	"	"	"	U
Ethylbenzene	ND	0.5	"	"	"	"	"	U
1,2-Dibromoethane (EDB)	ND	0.5	"	"	"	"	"	U
m,p-Xylene	ND	0.5	"	"	"	"	"	U
o-Xylene	ND	0.5	"	"	"	"	"	U
Styrene	ND	0.5	"	"	"	"	"	Z-01, U
Bromoform	ND	0.5	"	"	"	"	"	U
Isopropylbenzene	ND	0.5	"	"	"	"	"	U
1,1,2,2-Tetrachloroethane	ND	0.5	"	"	"	"	"	U
1,2,3-Trichloropropane	ND	0.5	"	"	"	"	"	U
n-Propylbenzene	ND	0.5	"	"	"	"	"	U

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Volatile Organic Compounds by EPA 524.2

1,4-Dichlorobenzene	ND	0.5	ug/l	AJF0135	06/19/19	06/19/19	EPA 524.2	U
1,2-Dichlorobenzene	ND	0.5	"	"	"	"	"	U
2-Chlorotoluene	ND	0.5	"	"	"	"	"	U
4-Chlorotoluene	ND	0.5	"	"	"	"	"	U
1,3,5-Trimethylbenzene	ND	0.5	"	"	"	"	"	U
tert-Butylbenzene	ND	0.5	"	"	"	"	"	U
1,2,4-Trichlorobenzene	ND	0.5	"	"	"	"	"	U
1,2,4-Trimethylbenzene	ND	0.5	"	"	"	"	"	U
sec-Butylbenzene	ND	0.5	"	"	"	"	"	U
n-Butylbenzene	ND	0.5	"	"	"	"	"	U
1,2-Dibromo-3-chloropropane	ND	0.5	"	"	"	"	"	U
Naphthalene	ND	0.5	"	"	"	"	"	U
1,3-Dichloropropene (total)	ND	1.0	"	"	"	"	"	U
Xylenes, total	ND	1.0	"	"	"	"	"	U
<i>Surrogate: Dibromofluoromethane</i>	<i>112 %</i>	<i>% Recovery Limits</i>		<i>70-130</i>			<i>"</i>	
<i>Surrogate: Toluene-d8</i>	<i>100 %</i>	<i>% Recovery Limits</i>		<i>70-130</i>			<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>92.2 %</i>	<i>% Recovery Limits</i>		<i>70-130</i>			<i>"</i>	

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