

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
 Data File : VD062421.D
 Acq On : 16 May 2019 16:56
 Operator : FY/SY
 Sample : K2854-01
 Misc : 5.73g/5mL/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03(25.5)

Quant Time: May 17 03:51:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	7028	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.21	114	11074	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	7259	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	4419	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	3781	57.89	ug/l	0.02
Spiked Amount	50.000		Recovery	=	115.78%	
35) Dibromofluoromethane	6.91	113	3160	34.39	ug/l	0.02
Spiked Amount	50.000		Recovery	=	68.78%	
50) Toluene-d8	10.41	98	14026	63.31	ug/l	0.01
Spiked Amount	50.000		Recovery	=	126.62%	
62) 4-Bromofluorobenzene	13.62	95	5156	57.96	ug/l	0.07
Spiked Amount	50.000		Recovery	=	115.92%	

Target Compounds

						Qvalue
3) Chloromethane	1.77	50	370	7.618	ug/l #	43
6) Chloroethane	2.29	64	401	20.021	ug/l #	43
13) Acrolein	3.17	56	548	158.924	ug/l #	18
15) Acrylonitrile	4.20	53	177	20.199	ug/l #	64
16) Acetone	3.18	43	7454	544.221	ug/l #	50
25) 2-Butanone	6.04	43	180	12.048	ug/l #	56
31) Cyclohexane	6.96	56	27540	401.891	ug/l #	61
37) Ethyl Acetate	6.14	43	186	4.830	ug/l #	64
39) Methylcyclohexane	8.87	83	67786	779.204	ug/l	98
40) Benzene	7.45	78	598	2.917	ug/l #	49
43) Isopropyl Acetate	9.29	43	4857	88.941	ug/l #	43
45) 1,2-Dichloropropane	8.86	63	265	5.225	ug/l #	16
47) Bromodichloromethane	9.39	83	934	9.259	ug/l #	26
48) Methyl methacrylate	9.11	41	2555	75.958	ug/l #	28
51) 4-Methyl-2-Pentanone	10.39	43	11933	339.939	ug/l #	37
55) 1,1,2-Trichloroethane	11.24	97	1685	35.699	ug/l #	16
56) Ethyl methacrylate	11.11	69	6981	142.331	ug/l #	1
59) 2-Hexanone	11.49	43	46774	1807.864	ug/l #	34
65) Chlorobenzene	12.32	112	187	1.383	ug/l #	42
67) Ethyl Benzene	12.52	91	1057	4.670	ug/l #	44
73) Isopropylbenzene	13.41	105	57496	217.057	ug/l	98
74) N-amyl acetate	13.22	43	65772	947.064	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	13.71	83	20328	405.370	ug/l #	57
76) 1,2,3-Trichloropropane	13.77	75	560	10.663	ug/l #	1
78) n-propylbenzene	13.77	91	113852	360.311	ug/l	96
79) 2-Chlorotoluene	13.77	91	113852	629.126	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.88	105	804	3.604	ug/l #	29
81) trans-1,4-Dichloro-2-buten	13.41	75	463	31.230	ug/l #	1
82) 4-Chlorotoluene	13.77	91	91366	429.038	ug/l #	37
83) tert-Butylbenzene	14.19	119	6003	23.944	ug/l	75
84) 1,2,4-Trimethylbenzene	14.09	105	19101	85.334	ug/l	68
85) sec-Butylbenzene	14.36	105	81039	294.809	ug/l	98
86) p-Isopropyltoluene	14.50	119	726	2.956	ug/l #	1
87) 1,3-Dichlorobenzene	14.46	146	461	3.403	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	14.54	146	572	4.298	ug/l #	1
89) n-Butylbenzene	14.80	91	64344	291.890	ug/l	95
90) Hexachloroethane	15.05	117	9613	143.932	ug/l #	20
91) 1,2-Dichlorobenzene	14.82	146	1657	14.853	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	15.35	75	214	25.997	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.95	180	831	10.234	ug/l #	1
95) Naphthalene	16.12	128	17404	153.525	ug/l #	90
96) 1,2,3-Trichlorobenzene	16.27	180	1087	21.292	ug/l #	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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