

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
 Data File : VD062423.D
 Acq On : 16 May 2019 17:53
 Operator : FY/SY
 Sample : K2851-01
 Misc : 4.85g/5mL/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-COMP

Quant Time: May 17 02:30:25 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	7.04	168	49174	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	57995	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	12728	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	3139	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	34239	74.92	ug/l	0.03
Spiked Amount			Recovery	=	149.84%	
35) Dibromofluoromethane	6.93	113	41201	85.62	ug/l	0.03
Spiked Amount			Recovery	=	171.24%	
50) Toluene-d8	10.41	98	17682	15.24	ug/l	0.01
Spiked Amount			Recovery	=	30.48%	
62) 4-Bromofluorobenzene	13.56	95	2847	6.11	ug/l	0.01
Spiked Amount			Recovery	=	12.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.11	94	202	2.581	ug/l #	12
16) Acetone	3.23	43	9141	95.384	ug/l #	86
17) Carbon Disulfide	3.38	76	16178	14.999	ug/l	98
18) Methyl Acetate	3.63	43	532	2.817	ug/l #	53
20) Methylene Chloride	3.81	84	3261	8.150	ug/l #	83
24) 1,1-Dichloroethane	4.99	63	1598	2.283	ug/l #	85
30) Chloroform	6.67	83	866	1.027	ug/l #	18
31) Cyclohexane	6.97	56	2371	4.945	ug/l #	70
36) 1,1-Dichloropropene	7.03	75	3483	7.325	ug/l #	40
38) Carbon Tetrachloride	7.04	117	4243	6.447	ug/l #	12
39) Methylcyclohexane	8.87	83	2878	6.317	ug/l #	71
40) Benzene	7.47	78	8712	8.114	ug/l #	79
43) Isopropyl Acetate	9.02	43	1936	6.769	ug/l #	43
48) Methyl methacrylate	9.02	41	1204	6.835	ug/l #	14
51) 4-Methyl-2-Pentanone	10.35	43	190	1.034	ug/l #	37
52) Toluene	10.51	92	3095	4.430	ug/l	84
55) 1,1,2-Trichloroethane	11.10	97	713	2.884	ug/l #	16
59) 2-Hexanone	11.49	43	1370	10.111	ug/l #	27
69) o-Xylene	13.06	106	178	1.326	ug/l	53
73) Isopropylbenzene	13.40	105	450	2.392	ug/l #	51
74) N-amyl acetate	13.22	43	1246	25.257	ug/l #	50
76) 1,2,3-Trichloropropane	13.55	75	1077	28.870	ug/l #	42
78) n-propylbenzene	13.78	91	2415	10.759	ug/l	97
79) 2-Chlorotoluene	13.78	91	2415	18.787	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.94	105	371	2.341	ug/l #	29
81) trans-1,4-Dichloro-2-buten	13.55	75	1077	102.267	ug/l #	16
82) 4-Chlorotoluene	13.98	91	292	1.930	ug/l #	37
84) 1,2,4-Trimethylbenzene	14.24	105	861	5.415	ug/l	78
85) sec-Butylbenzene	14.37	105	1303	6.673	ug/l #	60
86) p-Isopropyltoluene	14.48	119	194	1.112	ug/l #	52
89) n-Butylbenzene	14.80	91	2851	18.207	ug/l	96
90) Hexachloroethane	15.06	117	538	11.340	ug/l #	20
91) 1,2-Dichlorobenzene	14.81	146	216	2.726	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.95	180	344	5.964	ug/l #	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	16.13	128	2413	29.965	ug/l #	70
96) 1,2,3-Trichlorobenzene	16.28	180	273	7.528	ug/l #	13

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

