

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011720\
 Data File : VD064865.D
 Acq On : 17 Jan 2020 16:12
 Operator : VA/SY
 Sample : L1176-03
 Misc : 5.26G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-3

Quant Time: Jan 17 22:53:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	96	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.87	114	391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	249	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount				50.000		
			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount				50.000		
			Recovery	=	0.00%	
50) Toluene-d8	10.35	98	492	53.55	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.66	95	143	49.22	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	98.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	2.93	64	126	147.810	ug/l #	42
11) Tert butyl alcohol	5.29	59	60	1236.751	ug/l #	70
12) 1,1-Dichloroethene	4.12	96	164	194.176	ug/l #	38
14) Allyl chloride	4.73	41	65	49.361	ug/l #	19
15) Acrylonitrile	5.36	53	73	412.004	ug/l #	17
16) Acetone	4.11	43	67	404.096	ug/l #	42
17) Carbon Disulfide	4.47	76	229	83.853	ug/l #	75
18) Methyl Acetate	4.76	43	115	241.303	ug/l #	51
19) Methyl tert-butyl Ether	5.57	73	78	41.579	ug/l #	52
21) trans-1,2-Dichloroethene	5.47	96	73	75.894	ug/l #	1
23) Vinyl Acetate	6.36	43	159	106.717	ug/l #	72
25) 2-Butanone	7.27	43	54	232.071	ug/l #	49
27) cis-1,2-Dichloroethene	7.01	96	63	60.689	ug/l #	1
36) 1,1-Dichloropropene	8.14	75	72	19.132	ug/l #	41
37) Ethyl Acetate	7.27	43	54	36.525	ug/l #	70
39) Methylcyclohexane	9.37	83	159	34.883	ug/l #	20
40) Benzene	8.36	78	179	17.423	ug/l #	50
41) Methacrylonitrile	7.59	41	98	114.246	ug/l #	7
43) Isopropyl Acetate	8.40	43	55	18.690	ug/l #	52
45) 1,2-Dichloropropane	9.48	63	62	25.276	ug/l #	43
48) Methyl methacrylate	9.37	41	71	51.242	ug/l #	10
51) 4-Methyl-2-Pentanone	10.23	43	54	37.126	ug/l #	37
52) Toluene	10.42	92	69	10.237	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.87	63	57	64.998	ug/l #	45
59) 2-Hexanone	10.98	43	98	99.269	ug/l #	26
64) Tetrachloroethene	10.88	164	55	22.687	ug/l #	1
65) Chlorobenzene	11.68	112	62	9.453	ug/l #	44
67) Ethyl Benzene	11.76	91	174	14.617	ug/l #	44
68) m/p-Xylenes	11.87	106	143	31.123	ug/l #	69
69) o-Xylene	12.18	106	65	15.662	ug/l #	83
73) Isopropylbenzene	12.48	105	338	18.995	ug/l #	48
74) N-amyl acetate	12.41	43	71	18.666	ug/l #	43
78) n-propylbenzene	12.83	91	582	28.036	ug/l #	51
79) 2-Chlorotoluene	12.92	91	132	11.575	ug/l #	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011720\
 Data File : VD064865.D
 Acq On : 17 Jan 2020 16:12
 Operator : VA/SY
 Sample : L1176-03
 Misc : 5.26G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-3

Quant Time: Jan 17 22:53:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.98	105	288	19.703	ug/l	98
82) 4-Chlorotoluene	12.92	91	132	10.877	ug/l	90
83) tert-Butylbenzene	13.23	119	140	11.031	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.28	105	134	9.205	ug/l #	29
85) sec-Butylbenzene	13.41	105	443	25.461	ug/l #	55
86) p-Isopropyltoluene	13.53	119	71	4.268	ug/l #	51
89) n-Butylbenzene	13.86	91	195	13.016	ug/l #	66
91) 1,2-Dichlorobenzene	13.90	146	131	18.432	ug/l #	25
92) 1,2-Dibromo-3-Chloropropan	14.66	75	59	130.201	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.17	180	63	12.039	ug/l #	12
94) Hexachlorobutadiene	15.29	225	60	18.220	ug/l #	19
95) Naphthalene	15.41	128	122	14.736	ug/l #	69

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

