

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020320\
 Data File : VD065054.D
 Acq On : 03 Feb 2020 15:13
 Operator : VA/SY
 Sample : L1346-04
 Misc : 8.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PD-3-(30-32)

Quant Time: Feb 03 15:30:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.00	168	739308	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.88	114	1176606	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.66	117	1116311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.60	152	1813375	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	80752	11.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	22.78%	
35) Dibromofluoromethane	7.93	113	311475	42.13	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	84.26%	
50) Toluene-d8	10.37	98	14977461	524.83	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	1049.66%	
62) 4-Bromofluorobenzene	12.64	95	1915921	219.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	438.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.00	59	10067	25.689	ug/l #	74
13) Acrolein	4.14	56	1741031	3543.942	ug/l #	70
15) Acrylonitrile	5.50	53	6837309	4830.335	ug/l #	41
16) Acetone	4.14	43	5487182	Below Cal	#	55
17) Carbon Disulfide	4.40	76	136441	6.442	ug/l	96
19) Methyl tert-butyl Ether	5.50	73	44717	3.110	ug/l #	1
20) Methylene Chloride	4.82	84	40926	Below Cal	#	11
23) Vinyl Acetate	6.35	43	267200	22.311	ug/l #	79
24) 1,1-Dichloroethane	6.36	63	99049	7.887	ug/l #	84
25) 2-Butanone	7.22	43	3253628	1698.235	ug/l #	50
26) 2,2-Dichloropropane	7.05	77	441095	38.720	ug/l #	53
28) Bromochloromethane	7.58	49	15505	3.087	ug/l #	12
29) Tetrahydrofuran	7.59	42	415357	351.370	ug/l #	34
30) Chloroform	7.69	83	23129196	1781.529	ug/l #	18
31) Cyclohexane	7.85	56	756947	61.266	ug/l #	1
32) 1,1,1-Trichloroethane	7.91	97	28567	2.365	ug/l #	41
36) 1,1-Dichloropropene	8.11	75	38934	3.432	ug/l #	1
37) Ethyl Acetate	7.22	43	3253628	694.259	ug/l #	69
38) Carbon Tetrachloride	7.99	117	62060	5.175	ug/l #	18
39) Methylcyclohexane	9.56	83	11270569	849.672	ug/l #	1
40) Benzene	8.39	78	34898	1.117	ug/l #	1
41) Methacrylonitrile	7.58	41	5017127	1987.306	ug/l #	57
42) 1,2-Dichloroethane	8.40	62	48238	5.182	ug/l #	1
43) Isopropyl Acetate	8.47	43	39612779	4449.811	ug/l #	52
45) 1,2-Dichloropropane	9.39	63	1670524	220.524	ug/l #	1
46) Dibromomethane	9.46	93	502947	121.610	ug/l #	1
47) Bromodichloromethane	9.67	83	23265131	2161.859	ug/l #	31
48) Methyl methacrylate	9.56	41	23176071	5657.350	ug/l #	43
49) 1,4-Dioxane	9.53	88	224	4.670	ug/l #	1
51) 4-Methyl-2-Pentanone	10.31	43	9243837	2075.265	ug/l #	80
52) Toluene	10.43	92	232045	11.518	ug/l #	34
53) t-1,3-Dichloropropene	10.62	75	14997	1.463	ug/l #	1
54) cis-1,3-Dichloropropene	10.15	75	14564	1.213	ug/l #	1
55) 1,1,2-Trichloroethane	10.79	97	3618922	649.615	ug/l #	29

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56) Ethyl methacrylate	10.72	69	12202401	1831.703	ug/l #	55
57) 1,3-Dichloropropane	10.95	76	28664	3.000	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.89	63	825927	373.183	ug/l #	46
59) 2-Hexanone	10.97	43	3374981	1098.467	ug/l	75
60) Dibromochloromethane	11.38	129	121501	16.318	ug/l	62
61) 1,2-Dibromoethane	11.24	107	377879	70.445	ug/l #	1
65) Chlorobenzene	11.57	112	1048006	46.238	ug/l #	61
67) Ethyl Benzene	11.77	91	6707567	166.695	ug/l	99
68) m/p-Xylenes	11.88	106	333610	21.533	ug/l #	1
74) N-amyl acetate	12.28	43	15824399	570.571	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.74	83	1546377	74.234	ug/l #	1
76) 1,2,3-Trichloropropane	12.84	75	1104295	73.369	ug/l #	100
77) Bromobenzene	12.75	156	59811	1.972	ug/l #	1
78) n-propylbenzene	12.74	91	463501	3.145	ug/l #	52
79) 2-Chlorotoluene	12.68	91	788197	9.748	ug/l	88
80) 1,3,5-Trimethylbenzene	12.93	105	13996360	137.800	ug/l	76
81) trans-1,4-Dichloro-2-buten	12.50	75	451187	64.008	ug/l #	1
82) 4-Chlorotoluene	13.04	91	254220	2.965	ug/l #	1
83) tert-Butylbenzene	13.24	119	383235	4.446	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.28	105	1092946	10.622	ug/l	97
85) sec-Butylbenzene	13.41	105	20902955	171.274	ug/l #	3
86) p-Isopropyltoluene	13.54	119	8167954	71.521	ug/l	94
89) n-Butylbenzene	13.84	91	2893132	27.759	ug/l #	1
90) Hexachloroethane	14.14	117	15885017	721.278	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.50	75	157517	47.251	ug/l #	1
95) Naphthalene	15.41	128	11133748	201.871	ug/l	97

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

