

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020320\
 Data File : VD065056.D
 Acq On : 03 Feb 2020 16:11
 Operator : VA/SY
 Sample : L1346-06
 Misc : 13.82G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PD-4-(30-32)

Quant Time: Feb 03 18:28:39 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	7.99	168	721973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1144413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	987819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.60	152	949362	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	316620	45.72	ug/l	0.00
Spiked Amount						
			Recovery	=	91.44%	
35) Dibromofluoromethane	7.93	113	305328	42.46	ug/l	0.00
Spiked Amount						
			Recovery	=	84.92%	
50) Toluene-d8	10.36	98	6515827	234.74	ug/l	0.01
Spiked Amount						
			Recovery	=	469.48%	
62) 4-Bromofluorobenzene	12.64	95	2188143	257.60	ug/l	0.00
Spiked Amount						
			Recovery	=	515.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.48	59	46792	122.269	ug/l #	74
13) Acrolein	3.87	56	43831	91.362	ug/l #	1
14) Allyl chloride	4.80	41	554050	55.276	ug/l #	57
15) Acrylonitrile	5.49	53	2093714	1514.655	ug/l #	41
16) Acetone	4.13	43	1557991	Below Cal	#	55
17) Carbon Disulfide	4.40	76	40613	1.964	ug/l	96
18) Methyl Acetate	4.79	43	374080	115.335	ug/l #	51
20) Methylene Chloride	4.82	84	209268	28.297	ug/l #	12
23) Vinyl Acetate	6.34	43	556798	47.608	ug/l #	76
24) 1,1-Dichloroethane	6.34	63	224339	18.291	ug/l #	84
25) 2-Butanone	7.21	43	964144	515.319	ug/l #	51
26) 2,2-Dichloropropane	7.04	77	509316	45.782	ug/l #	53
28) Bromochloromethane	7.57	49	9213	1.878	ug/l #	12
29) Tetrahydrofuran	7.57	42	189183	163.882	ug/l #	34
30) Chloroform	7.67	83	10532087	830.713	ug/l #	18
31) Cyclohexane	8.07	56	1570748	130.186	ug/l #	17
36) 1,1-Dichloropropene	8.08	75	22017	1.995	ug/l #	1
37) Ethyl Acetate	7.21	43	964144	211.516	ug/l #	69
38) Carbon Tetrachloride	7.99	117	63658	5.458	ug/l #	18
39) Methylcyclohexane	9.55	83	4121882	319.484	ug/l #	1
41) Methacrylonitrile	7.57	41	2205293	898.099	ug/l #	53
42) 1,2-Dichloroethane	8.47	62	150918	16.669	ug/l #	1
43) Isopropyl Acetate	8.47	43	17624878	2035.545	ug/l #	52
45) 1,2-Dichloropropane	9.38	63	1070870	145.341	ug/l #	1
46) Dibromomethane	9.44	93	167556	41.654	ug/l #	1
47) Bromodichloromethane	9.66	83	9674227	924.243	ug/l #	27
48) Methyl methacrylate	9.43	41	8577291	2152.641	ug/l #	13
49) 1,4-Dioxane	9.44	88	653	13.997	ug/l #	1
51) 4-Methyl-2-Pentanone	10.29	43	3495647	806.858	ug/l #	76
52) Toluene	10.41	92	194737	9.938	ug/l #	73
53) t-1,3-Dichloropropene	10.65	75	11079	1.111	ug/l #	1
54) cis-1,3-Dichloropropene	10.14	75	17249	1.478	ug/l #	1
55) 1,1,2-Trichloroethane	10.80	97	18131365	3346.227	ug/l #	26
56) Ethyl methacrylate	10.71	69	4920573	759.406	ug/l #	22

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57) 1,3-Dichloropropane	10.95	76	10211	1.099	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.94	63	198138	92.044	ug/l #	46
59) 2-Hexanone	10.97	43	18313402	6128.202	ug/l #	31
60) Dibromochloromethane	11.38	129	39621	5.471	ug/l	84
61) 1,2-Dibromoethane	11.23	107	133533	25.594	ug/l #	1
65) Chlorobenzene	11.56	112	371982	18.547	ug/l #	57
67) Ethyl Benzene	11.67	91	333116	9.355	ug/l #	47
69) o-Xylene	12.20	106	9535494	783.701	ug/l	78
70) Styrene	12.20	104	507763	23.427	ug/l #	1
73) Isopropylbenzene	12.48	105	22235542	342.676	ug/l #	61
74) N-amyl acetate	12.28	43	8531090	587.547	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.70	83	1244802	114.141	ug/l #	96
76) 1,2,3-Trichloropropane	12.84	75	937120	118.927	ug/l #	100
77) Bromobenzene	12.75	156	20014	1.261	ug/l #	1
78) n-propylbenzene	12.91	91	26675861	345.688	ug/l #	72
79) 2-Chlorotoluene	12.91	91	26675861	630.147	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.88	105	2612358	49.127	ug/l #	29
81) trans-1,4-Dichloro-2-buten	12.49	75	428836	116.204	ug/l #	24
82) 4-Chlorotoluene	12.99	91	12186533	271.449	ug/l #	40
83) tert-Butylbenzene	13.28	119	14141700	313.384	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.42	105	11564121	214.677	ug/l #	30
85) sec-Butylbenzene	13.42	105	11573598	181.137	ug/l #	42
86) p-Isopropyltoluene	13.54	119	6663147	111.444	ug/l	97
89) n-Butylbenzene	13.83	91	814125	14.921	ug/l #	1
90) Hexachloroethane	14.14	117	9843030	853.689	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.50	75	529751	303.535	ug/l #	1
95) Naphthalene	15.52	128	458030	15.863	ug/l #	1

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

