

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065858.D
 Acq On : 23 Jun 2020 14:21
 Operator : VA/SY
 Sample : L3082-11
 Misc : 4.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12

Quant Time: Jun 24 04:42:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	8098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	15158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	15875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	6240	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	23055	288.12	ug/l	0.00
Spiked Amount			Recovery	=	576.24%	
35) Dibromofluoromethane	7.91	113	9800	102.35	ug/l	0.00
Spiked Amount			Recovery	=	204.70%	
50) Toluene-d8	10.34	98	14426	40.41	ug/l	0.00
Spiked Amount			Recovery	=	80.82%	
62) 4-Bromofluorobenzene	12.64	95	6984	57.68	ug/l	0.00
Spiked Amount			Recovery	=	115.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	384	Below Cal	#	69
4) Vinyl Chloride	2.34	62	325	2.720	ug/l #	43
5) Bromomethane	2.78	94	511	6.116	ug/l	99
6) Chloroethane	2.93	64	111	1.374	ug/l #	44
8) Diethyl Ether	3.70	74	54	1.517	ug/l #	2
11) Tert butyl alcohol	5.18	59	453	76.272	ug/l #	74
15) Acrylonitrile	5.43	53	59	3.650	ug/l #	17
16) Acetone	4.16	43	6253	414.266	ug/l	96
17) Carbon Disulfide	4.40	76	374	1.515	ug/l #	75
18) Methyl Acetate	4.73	43	162	1.214	ug/l #	52
20) Methylene Chloride	4.96	84	4557	57.517	ug/l	89
23) Vinyl Acetate	6.31	43	219	1.579	ug/l #	72
25) 2-Butanone	7.21	43	1836	88.075	ug/l #	52
26) 2,2-Dichloropropane	7.20	77	1407	10.601	ug/l #	54
29) Tetrahydrofuran	7.58	42	393	29.829	ug/l #	34
31) Cyclohexane	7.99	56	409	2.850	ug/l #	67
32) 1,1,1-Trichloroethane	7.90	97	342	2.397	ug/l #	25
36) 1,1-Dichloropropene	8.11	75	293	2.018	ug/l #	41
37) Ethyl Acetate	7.30	43	156	2.728	ug/l #	52
39) Methylcyclohexane	9.36	83	462	2.687	ug/l #	17
40) Benzene	8.36	78	542	1.365	ug/l #	51
41) Methacrylonitrile	7.56	41	73	2.144	ug/l #	28
43) Isopropyl Acetate	8.46	43	196	1.723	ug/l #	51
44) Trichloroethene	9.12	130	120	1.086	ug/l	2
48) Methyl methacrylate	9.44	41	79	1.435	ug/l #	15
51) 4-Methyl-2-Pentanone	10.23	43	907	16.275	ug/l	98
52) Toluene	10.40	92	430	1.667	ug/l	85
53) t-1,3-Dichloropropene	10.61	75	187	1.425	ug/l #	42
57) 1,3-Dichloropropane	10.95	76	149	1.190	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.94	63	227	5.743	ug/l #	46
59) 2-Hexanone	11.00	43	541	14.399	ug/l #	46
64) Tetrachloroethene	10.88	164	110	1.025	ug/l #	35
67) Ethyl Benzene	11.74	91	984	1.777	ug/l	90
68) m/p-Xylenes	11.86	106	403	1.890	ug/l #	49

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70) Styrene	12.19	104	415	1.247	ug/l #	36
73) Isopropylbenzene	12.48	105	668	1.597	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.73	83	72	1.019	ug/l #	25
76) 1,2,3-Trichloropropane	12.80	75	126	2.596	ug/l #	100
78) n-propylbenzene	12.82	91	1004	1.994	ug/l #	66
79) 2-Chlorotoluene	12.90	91	474	1.716	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	361	1.037	ug/l #	25
81) trans-1,4-Dichloro-2-buten	12.64	75	4066	181.026	ug/l #	9
82) 4-Chlorotoluene	12.90	91	474	1.598	ug/l	97
83) tert-Butylbenzene	13.23	119	487	1.612	ug/l #	50
84) 1,2,4-Trimethylbenzene	13.27	105	810	2.324	ug/l #	63
85) sec-Butylbenzene	13.40	105	709	1.686	ug/l #	72
86) p-Isopropyltoluene	13.51	119	706	1.832	ug/l #	74
87) 1,3-Dichlorobenzene	13.52	146	534	2.736	ug/l #	84
88) 1,4-Dichlorobenzene	13.60	146	338	1.741	ug/l #	70
89) n-Butylbenzene	13.84	91	896	2.438	ug/l	92
91) 1,2-Dichlorobenzene	13.89	146	235	1.399	ug/l #	44
93) 1,2,4-Trichlorobenzene	15.17	180	128	1.121	ug/l #	66
95) Naphthalene	15.41	128	992	5.128	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.60	180	193	1.962	ug/l #	3

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

