

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111918\
 Data File : VD060413.D
 Acq On : 19 Nov 2018 13:33
 Operator : JC/SY
 Sample : VD1119SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBS01

Quant Time: Nov 20 13:59:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1486630	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	2036111	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1617745	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	791728	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	471826	44.33	ug/l	-0.01
Spiked Amount						
			Recovery	=	88.66%	
35) Dibromofluoromethane	6.32	113	721179	47.50	ug/l	-0.01
Spiked Amount						
			Recovery	=	95.00%	
50) Toluene-d8	9.45	98	2034257	45.78	ug/l	-0.01
Spiked Amount						
			Recovery	=	91.56%	
62) 4-Bromofluorobenzene	12.43	95	719702	44.70	ug/l	-0.01
Spiked Amount						
			Recovery	=	89.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	289910	22.326	ug/l	98
3) Chloromethane	1.77	50	281149	19.965	ug/l	99
4) Vinyl Chloride	1.86	62	236637	20.577	ug/l	96
5) Bromomethane	2.15	94	49975	18.316	ug/l	94
6) Chloroethane	2.26	64	70557	18.491	ug/l	94
7) Trichlorofluoromethane	2.52	101	269352	19.866	ug/l	99
8) Diethyl Ether	2.83	74	46867	19.092	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.10	101	176941	19.841	ug/l	99
10) Methyl Iodide	3.25	142	193532	16.709	ug/l	99
11) Tert butyl alcohol	3.96	59	41790	95.607	ug/l	100
12) 1,1-Dichloroethene	3.08	96	138343	19.072	ug/l	90
13) Acrolein	2.99	56	38681	74.893	ug/l	96
14) Allyl chloride	3.54	41	276413	19.915	ug/l	95
15) Acrylonitrile	4.09	53	241781	94.855	ug/l	95
16) Acetone	3.17	43	179963	97.467	ug/l	98
17) Carbon Disulfide	3.32	76	444231	18.973	ug/l	98
18) Methyl Acetate	3.56	43	71959	18.278	ug/l	96
19) Methyl tert-butyl Ether	4.13	73	420971	19.381	ug/l	99
20) Methylene Chloride	3.73	84	355214	21.687	ug/l	98
21) trans-1,2-Dichloroethene	4.10	96	332290	20.631	ug/l	99
22) Diisopropyl ether	4.86	45	1018719	19.646	ug/l	96
23) Vinyl Acetate	4.81	43	2448819	94.910	ug/l	97
24) 1,1-Dichloroethane	4.76	63	537746	20.223	ug/l	99
25) 2-Butanone	5.63	43	368703	96.070	ug/l	98
26) 2,2-Dichloropropane	5.60	77	437985	21.186	ug/l	99
27) cis-1,2-Dichloroethene	5.60	96	340868	20.315	ug/l	93
28) Bromochloromethane	5.93	49	215711	18.386	ug/l	95
29) Tetrahydrofuran	5.96	42	185156	91.506	ug/l	99
30) Chloroform	6.11	83	548373	20.629	ug/l	97
31) Cyclohexane	6.37	56	499398	19.650	ug/l	95
32) 1,1,1-Trichloroethane	6.30	97	458625	20.482	ug/l	99
36) 1,1-Dichloropropene	6.52	75	406223	20.194	ug/l	100
37) Ethyl Acetate	5.70	43	164224	17.741	ug/l	98
38) Carbon Tetrachloride	6.50	117	391429	20.977	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	459193	19.847	ug/l	99
40) Benzene	6.80	78	1044447	20.341	ug/l	99
41) Methacrylonitrile	5.93	41	193483	18.262	ug/l #	84
42) 1,2-Dichloroethane	6.90	62	260598	19.390	ug/l	100
43) Isopropyl Acetate	8.35	43	209552	18.022	ug/l #	100
44) Trichloroethene	7.74	130	320006	20.559	ug/l	99
45) 1,2-Dichloropropane	8.11	63	263881	20.377	ug/l	100
46) Dibromomethane	8.21	93	146374	19.299	ug/l	95
47) Bromodichloromethane	8.49	83	359352	20.106	ug/l	99
48) Methyl methacrylate	8.24	41	131584	18.631	ug/l	99
49) 1,4-Dioxane	8.23	88	25542	417.977	ug/l	92
51) 4-Methyl-2-Pentanone	9.35	43	704477	93.089	ug/l	98
52) Toluene	9.55	92	680140	20.736	ug/l	100
53) t-1,3-Dichloropropene	9.92	75	296445	19.630	ug/l	99
54) cis-1,3-Dichloropropene	9.10	75	381858	19.715	ug/l	99
55) 1,1,2-Trichloroethane	10.18	97	184957	19.455	ug/l	96
56) Ethyl methacrylate	10.03	69	167056	19.112	ug/l	97
57) 1,3-Dichloropropane	10.39	76	277386	19.148	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.92	63	507687	96.058	ug/l	99
59) 2-Hexanone	10.49	43	530107	98.280	ug/l	100
60) Dibromochloromethane	10.64	129	231607	20.042	ug/l	93
61) 1,2-Dibromoethane	10.76	107	182982	19.210	ug/l	99
64) Tetrachloroethene	10.25	164	294476	20.390	ug/l	98
65) Chlorobenzene	11.31	112	715464	20.411	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.42	131	239584	20.890	ug/l	97
67) Ethyl Benzene	11.43	91	1277549	21.306	ug/l	99
68) m/p-Xylenes	11.57	106	954176	43.139	ug/l	100
69) o-Xylene	11.93	106	452553	21.178	ug/l	98
70) Styrene	11.95	104	719594	20.837	ug/l	97
71) Bromoform	12.12	173	147446	19.132	ug/l	98
73) Isopropylbenzene	12.28	105	1282420	22.232	ug/l	100
74) N-amyl acetate	12.13	43	277130	18.739	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.56	83	171088	18.136	ug/l	94
76) 1,2,3-Trichloropropane	12.60	75	183842	19.411	ug/l	99
77) Bromobenzene	12.54	156	300516	19.613	ug/l	93
78) n-propylbenzene	12.64	91	1596242	22.170	ug/l	98
79) 2-Chlorotoluene	12.71	91	832186	21.104	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	973199	21.709	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.35	75	51700	19.174	ug/l	96
82) 4-Chlorotoluene	12.81	91	956906	21.602	ug/l	96
83) tert-Butylbenzene	13.05	119	1104719	22.197	ug/l	94
84) 1,2,4-Trimethylbenzene	13.10	105	985384	22.010	ug/l	98
85) sec-Butylbenzene	13.22	105	1345404	22.034	ug/l	99
86) p-Isopropyltoluene	13.34	119	1099011	22.350	ug/l	96
87) 1,3-Dichlorobenzene	13.31	146	580536	21.296	ug/l	96
88) 1,4-Dichlorobenzene	13.39	146	563155	21.153	ug/l	95
89) n-Butylbenzene	13.65	91	1117382	20.742	ug/l	97
90) Hexachloroethane	13.86	117	255003	21.870	ug/l	93
91) 1,2-Dichlorobenzene	13.67	146	480729	21.470	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.23	75	21504	18.884	ug/l	70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	362906	20.442	ug/l	96
94) Hexachlorobutadiene	14.89	225	274711	20.688	ug/l	99
95) Naphthalene	14.97	128	425386	19.623	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	280241	19.699	ug/l	95

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

