

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
 Data File : VD060420.D
 Acq On : 20 Nov 2018 10:37
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 20 14:48:35 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	6.42	168	1452614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2090874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1562929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	809272	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.81	65	558507	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
35) Dibromofluoromethane	6.34	113	847739	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
50) Toluene-d8	9.46	98	2316266	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.44	95	847291	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.61	85	578896	50.889	ug/l	97
3) Chloromethane	1.78	50	617222	44.857	ug/l	99
4) Vinyl Chloride	1.88	62	541106	48.154	ug/l	99
5) Bromomethane	2.17	94	144433	54.176	ug/l	98
6) Chloroethane	2.28	64	184894	49.589	ug/l	99
7) Trichlorofluoromethane	2.54	101	689050	52.010	ug/l	97
8) Diethyl Ether	2.85	74	119345	49.756	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.12	101	444903	51.058	ug/l	97
10) Methyl Iodide	3.27	142	501758	44.335	ug/l	98
11) Tert butyl alcohol	3.98	59	125602	294.081	ug/l	96
12) 1,1-Dichloroethene	3.10	96	358620	50.596	ug/l	96
13) Acrolein	3.01	56	101622	201.365	ug/l	94
14) Allyl chloride	3.56	41	711943	52.496	ug/l	96
15) Acrylonitrile	4.11	53	655453	263.169	ug/l	99
16) Acetone	3.19	43	506099	280.518	ug/l	99
17) Carbon Disulfide	3.34	76	1062727	46.452	ug/l	100
18) Methyl Acetate	3.58	43	223764	58.168	ug/l	97
19) Methyl tert-butyl Ether	4.15	73	1101605	51.905	ug/l	99
20) Methylene Chloride	3.75	84	782814	48.913	ug/l	98
21) trans-1,2-Dichloroethene	4.13	96	814596	51.761	ug/l	97
22) Diisopropyl ether	4.88	45	2669181	52.681	ug/l	95
23) Vinyl Acetate	4.83	43	6685079	265.163	ug/l	99
24) 1,1-Dichloroethane	4.78	63	1374550	52.904	ug/l	99
25) 2-Butanone	5.65	43	994211	265.119	ug/l	99
26) 2,2-Dichloropropane	5.61	77	1105932	54.749	ug/l	98
27) cis-1,2-Dichloroethene	5.62	96	870071	53.069	ug/l	97
28) Bromochloromethane	5.95	49	608060	53.040	ug/l	92
29) Tetrahydrofuran	5.97	42	488386	247.018	ug/l	98
30) Chloroform	6.12	83	1426672	54.926	ug/l	100
31) Cyclohexane	6.38	56	1208866	48.679	ug/l	99
32) 1,1,1-Trichloroethane	6.32	97	1206099	55.125	ug/l	98
36) 1,1-Dichloropropene	6.54	75	1025074	49.624	ug/l	99
37) Ethyl Acetate	5.71	43	489672	51.515	ug/l	99
38) Carbon Tetrachloride	6.52	117	996817	52.020	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.06	83	1167843	49.154	ug/l	98
40) Benzene	6.82	78	2630522	49.887	ug/l	100
41) Methacrylonitrile	5.96	41	542550	49.869	ug/l	96
42) 1,2-Dichloroethane	6.92	62	706236	51.171	ug/l	98
43) Isopropyl Acetate	8.36	43	611077	51.179	ug/l #	97
44) Trichloroethene	7.75	130	820003	51.301	ug/l	94
45) 1,2-Dichloropropane	8.12	63	691597	52.006	ug/l	99
46) Dibromomethane	8.23	93	382767	49.144	ug/l	93
47) Bromodichloromethane	8.50	83	973208	53.025	ug/l	98
48) Methyl methacrylate	8.26	41	359713	49.597	ug/l	96
49) 1,4-Dioxane	8.24	88	64371	1025.796	ug/l #	87
51) 4-Methyl-2-Pentanone	9.36	43	1953416	251.362	ug/l	98
52) Toluene	9.56	92	1690036	50.176	ug/l	100
53) t-1,3-Dichloropropene	9.93	75	801532	51.687	ug/l	99
54) cis-1,3-Dichloropropene	9.12	75	1031600	51.865	ug/l	97
55) 1,1,2-Trichloroethane	10.19	97	486201	49.803	ug/l	98
56) Ethyl methacrylate	10.04	69	477851	53.236	ug/l	99
57) 1,3-Dichloropropane	10.39	76	743808	50.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.93	63	1325116	244.154	ug/l	100
59) 2-Hexanone	10.50	43	1444426	260.777	ug/l	99
60) Dibromochloromethane	10.65	129	626485	52.792	ug/l	100
61) 1,2-Dibromoethane	10.77	107	508922	52.029	ug/l	98
64) Tetrachloroethene	10.26	164	737595	52.863	ug/l	98
65) Chlorobenzene	11.32	112	1812240	53.515	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.42	131	585218	52.817	ug/l	99
67) Ethyl Benzene	11.43	91	3001532	51.813	ug/l	99
68) m/p-Xylenes	11.57	106	2243688	104.996	ug/l	99
69) o-Xylene	11.94	106	1059391	51.315	ug/l	95
70) Styrene	11.96	104	1764665	52.891	ug/l	99
71) Bromoform	12.12	173	416542	55.946	ug/l	99
73) Isopropylbenzene	12.28	105	2973891	50.438	ug/l	99
74) N-amyl acetate	12.14	43	797971	52.788	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.57	83	490498	50.867	ug/l	96
76) 1,2,3-Trichloropropane	12.60	75	500032	51.652	ug/l	97
77) Bromobenzene	12.54	156	801631	51.184	ug/l	94
78) n-propylbenzene	12.64	91	3681953	50.030	ug/l	99
79) 2-Chlorotoluene	12.71	91	2154031	53.440	ug/l	96
80) 1,3,5-Trimethylbenzene	12.80	105	2389822	52.154	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.35	75	150527	54.616	ug/l	96
82) 4-Chlorotoluene	12.82	91	2340767	51.697	ug/l	91
83) tert-Butylbenzene	13.06	119	2666272	52.411	ug/l	99
84) 1,2,4-Trimethylbenzene	13.10	105	2452157	53.584	ug/l	99
85) sec-Butylbenzene	13.22	105	3275867	52.486	ug/l	100
86) p-Isopropyltoluene	13.35	119	2583490	51.400	ug/l	99
87) 1,3-Dichlorobenzene	13.32	146	1409939	50.600	ug/l	97
88) 1,4-Dichlorobenzene	13.40	146	1415580	52.018	ug/l	98
89) n-Butylbenzene	13.66	91	2587109	53.577	ug/l	99
90) Hexachloroethane	13.86	117	677992	56.887	ug/l	97
91) 1,2-Dichlorobenzene	13.67	146	1114859	48.711	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	62747	53.907	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	944818	52.067	ug/l	100
94) Hexachlorobutadiene	14.89	225	667894	49.208	ug/l	99
95) Naphthalene	14.98	128	1178503	53.186	ug/l	100
96) 1,2,3-Trichlorobenzene	15.12	180	756034	51.992	ug/l	99

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

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