

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100118\
 Data File : VD060102.D
 Acq On : 1 Oct 2018 17:49
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 10/2/2018 12:31:16 PM

Quant Time: Oct 02 05:50:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1647107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	2243180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1826093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	958134	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.76	65	635467	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	6.30	113	889610	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	9.43	98	2548285	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.42	95	940554	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.56	85	816921m	47.972	ug/l
3) Chloromethane	1.74	50	677089	44.429	ug/l
4) Vinyl Chloride	1.83	62	572195	46.773	ug/l
5) Bromomethane	2.11	94	85975	60.561	ug/l
6) Chloroethane	2.23	64	175733	64.607	ug/l
7) Trichlorofluoromethane	2.48	101	703633	52.279	ug/l
8) Diethyl Ether	2.80	74	146549	51.159	ug/l
9) 1,1,2-Trichlorotrifluoroet	3.06	101	415892	49.203	ug/l
10) Methyl Iodide	3.22	142	504068	55.886	ug/l
11) Tert butyl alcohol	3.94	59	240167	235.737	ug/l
12) 1,1-Dichloroethene	3.04	96	329224	49.187	ug/l
13) Acrolein	2.96	56	130455	207.267	ug/l
14) Allyl chloride	3.50	41	701829	49.845	ug/l
15) Acrylonitrile	4.05	53	949125	245.794	ug/l
16) Acetone	3.14	43	561378	230.618	ug/l
17) Carbon Disulfide	3.28	76	1141485	49.607	ug/l
18) Methyl Acetate	3.53	43	249854	49.842	ug/l
19) Methyl tert-butyl Ether	4.09	73	1524964	49.368	ug/l
20) Methylene Chloride	3.69	84	924109	44.517	ug/l
21) trans-1,2-Dichloroethene	4.06	96	896316	50.960	ug/l
22) Diisopropyl ether	4.83	45	3149224	49.261	ug/l
23) Vinyl Acetate	4.77	43	9016338	248.517	ug/l
24) 1,1-Dichloroethane	4.72	63	1454177	50.382	ug/l
25) 2-Butanone	5.60	43	1481371	225.569	ug/l
26) 2,2-Dichloropropane	5.56	77	1074337	48.095	ug/l
27) cis-1,2-Dichloroethene	5.57	96	934926	50.855	ug/l
28) Bromochloromethane	5.89	49	680444	48.505	ug/l
29) Tetrahydrofuran	5.92	42	841695	238.985	ug/l
30) Chloroform	6.07	83	1446934	49.641	ug/l
31) Cyclohexane	6.34	56	1316029	47.100	ug/l
32) 1,1,1-Trichloroethane	6.27	97	1182230	49.068	ug/l
36) 1,1-Dichloropropene	6.49	75	1068481	48.684	ug/l
37) Ethyl Acetate	5.68	43	733264	48.386	ug/l
38) Carbon Tetrachloride	6.47	117	990763	48.613	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	1255851	50.434	ug/l	100
40) Benzene	6.77	78	2839599	50.698	ug/l	100
41) Methacrylonitrile	5.91	41	451301m	55.970	ug/l	
42) 1,2-Dichloroethane	6.87	62	827686	49.272	ug/l	100
43) Isopropyl Acetate	8.32	43	985410	49.073	ug/l	100
44) Trichloroethene	7.71	130	899204	51.689	ug/l	100
45) 1,2-Dichloropropane	8.08	63	766152	51.103	ug/l	100
46) Dibromomethane	8.20	93	490192	50.303	ug/l	100
47) Bromodichloromethane	8.47	83	1047931	49.745	ug/l	100
48) Methyl methacrylate	8.22	41	553363	49.431	ug/l	100
49) 1,4-Dioxane	8.20	88	111012	996.489	ug/l	100
51) 4-Methyl-2-Pentanone	9.33	43	3067031	222.643	ug/l	100
52) Toluene	9.52	92	1876388	51.906	ug/l	100
53) t-1,3-Dichloropropene	9.90	75	974879	49.554	ug/l	100
54) cis-1,3-Dichloropropene	9.08	75	1179534	50.249	ug/l	100
55) 1,1,2-Trichloroethane	10.16	97	608336	48.521	ug/l	100
56) Ethyl methacrylate	10.02	69	702671	50.843	ug/l	100
57) 1,3-Dichloropropane	10.37	76	941409	50.985	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.90	63	1764625	258.929	ug/l	100
59) 2-Hexanone	10.47	43	2215294	222.853	ug/l	100
60) Dibromochloromethane	10.63	129	771232	50.985	ug/l	100
61) 1,2-Dibromoethane	10.74	107	654313	50.561	ug/l	100
64) Tetrachloroethene	10.23	164	805840	50.666	ug/l	100
65) Chlorobenzene	11.30	112	2015401	51.903	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.40	131	677772	51.882	ug/l	100
67) Ethyl Benzene	11.41	91	3198389	51.299	ug/l	100
68) m/p-Xylenes	11.55	106	2389263	104.048	ug/l	100
69) o-Xylene	11.92	106	1204175	52.583	ug/l	100
70) Styrene	11.94	104	1991455	51.789	ug/l	100
71) Bromoform	12.10	173	579398	51.818	ug/l	100
73) Isopropylbenzene	12.27	105	3226606	51.825	ug/l	100
74) N-amyl acetate	12.12	43	1207838	49.291	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.55	83	717747	50.861	ug/l	100
76) 1,2,3-Trichloropropane	12.58	75	711509	49.409	ug/l	100
77) Bromobenzene	12.52	156	940539	52.139	ug/l	100
78) n-propylbenzene	12.62	91	3936956	50.441	ug/l	100
79) 2-Chlorotoluene	12.69	91	2188724	49.772	ug/l	100
80) 1,3,5-Trimethylbenzene	12.78	105	2497026	52.353	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.33	75	210136	48.426	ug/l	100
82) 4-Chlorotoluene	12.80	91	2391498	49.460	ug/l	100
83) tert-Butylbenzene	13.04	119	2892134	52.228	ug/l	100
84) 1,2,4-Trimethylbenzene	13.09	105	2604615	51.015	ug/l	100
85) sec-Butylbenzene	13.21	105	3267823	50.009	ug/l	100
86) p-Isopropyltoluene	13.33	119	2766718	52.315	ug/l	100
87) 1,3-Dichlorobenzene	13.30	146	1635679	52.243	ug/l	100
88) 1,4-Dichlorobenzene	13.38	146	1650449	52.013	ug/l	100
89) n-Butylbenzene	13.64	91	2546769	49.435	ug/l	100
90) Hexachloroethane	13.84	117	685604	52.425	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1305674	50.529	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.22	75	98395	45.646	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	1198672	53.721	ug/l	100
94) Hexachlorobutadiene	14.87	225	794027	53.711	ug/l	100
95) Naphthalene	14.96	128	1787457	51.948	ug/l	100
96) 1,2,3-Trichlorobenzene	15.10	180	1007653	51.562	ug/l	100

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

