

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100918\
 Data File : VD060145.D
 Acq On : 9 Oct 2018 10:49
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/10/2018 11:31:47 AM

Quant Time: Oct 09 17:08:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1694592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	2364165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.26	117	1879010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	1008485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.76	65	642630	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	6.29	113	919648	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	9.43	98	2556241	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.42	95	966552	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	769464	48.271	ug/l	99
3) Chloromethane	1.74	50	682902	47.510	ug/l	98
4) Vinyl Chloride	1.84	62	586410	49.851	ug/l	99
5) Bromomethane	2.12	94	97116	65.750	ug/l	99
6) Chloroethane	2.23	64	169589	52.831	ug/l	98
7) Trichlorofluoromethane	2.49	101	696107	49.422	ug/l	98
8) Diethyl Ether	2.80	74	140186	48.402	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.06	101	440584	50.211	ug/l	100
10) Methyl Iodide	3.21	142	475227	51.070	ug/l	98
11) Tert butyl alcohol	3.93	59	204882	222.397	ug/l	98
12) 1,1-Dichloroethene	3.05	96	357462	51.711	ug/l	93
13) Acrolein	2.96	56	130925	230.543	ug/l	100
14) Allyl chloride	3.50	41	732091	50.992	ug/l	99
15) Acrylonitrile	4.05	53	883344	231.658	ug/l	99
16) Acetone	3.14	43	635774	272.769	ug/l	98
17) Carbon Disulfide	3.28	76	1119491	48.158	ug/l	100
18) Methyl Acetate	3.53	43	249724	49.848	ug/l	99
19) Methyl tert-butyl Ether	4.09	73	1465628	48.222	ug/l	99
20) Methylene Chloride	3.69	84	868497	47.088	ug/l	97
21) trans-1,2-Dichloroethene	4.06	96	862554	48.313	ug/l	98
22) Diisopropyl ether	4.83	45	3171871	49.470	ug/l	99
23) Vinyl Acetate	4.77	43	8588555	238.302	ug/l	99
24) 1,1-Dichloroethane	4.72	63	1446699	49.764	ug/l	99
25) 2-Butanone	5.60	43	1437263	246.827	ug/l	98
26) 2,2-Dichloropropane	5.56	77	1159015	52.590	ug/l	99
27) cis-1,2-Dichloroethene	5.57	96	940545	49.724	ug/l	94
28) Bromochloromethane	5.89	49	698566	49.448	ug/l	97
29) Tetrahydrofuran	5.92	42	773216	228.609	ug/l	98
30) Chloroform	6.08	83	1472499	50.073	ug/l	99
31) Cyclohexane	6.33	56	1286315	46.222	ug/l	99
32) 1,1,1-Trichloroethane	6.27	97	1237655	51.371	ug/l	99
36) 1,1-Dichloropropene	6.49	75	1082528	47.917	ug/l	99
37) Ethyl Acetate	5.67	43	697196	46.494	ug/l	99
38) Carbon Tetrachloride	6.47	117	1040778	50.758	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	1269424	49.454	ug/l	99
40) Benzene	6.77	78	2881076	48.746	ug/l	99
41) Methacrylonitrile	5.90	41	351828m	41.510	ug/l	
42) 1,2-Dichloroethane	6.87	62	815852	48.148	ug/l	99
43) Isopropyl Acetate	8.32	43	926906	46.984	ug/l #	100
44) Trichloroethene	7.71	130	891925	48.750	ug/l	99
45) 1,2-Dichloropropane	8.08	63	760113	49.116	ug/l	100
46) Dibromomethane	8.19	93	486401	48.546	ug/l	96
47) Bromodichloromethane	8.47	83	1082033	50.685	ug/l	99
48) Methyl methacrylate	8.22	41	541877	48.220	ug/l	97
49) 1,4-Dioxane	8.20	88	105930	958.054	ug/l	98
51) 4-Methyl-2-Pentanone	9.33	43	2837180	228.011	ug/l	100
52) Toluene	9.52	92	1832008	48.129	ug/l	99
53) t-1,3-Dichloropropene	9.90	75	982679	50.872	ug/l	99
54) cis-1,3-Dichloropropene	9.08	75	1188559	49.827	ug/l	99
55) 1,1,2-Trichloroethane	10.16	97	583448	46.886	ug/l	98
56) Ethyl methacrylate	10.01	69	642471	46.772	ug/l	100
57) 1,3-Dichloropropane	10.37	76	914887	48.207	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.90	63	1728238	226.569	ug/l	100
59) 2-Hexanone	10.47	43	2154676	240.809	ug/l	100
60) Dibromochloromethane	10.62	129	774923	50.755	ug/l	97
61) 1,2-Dibromoethane	10.74	107	641343	48.506	ug/l	97
64) Tetrachloroethene	10.23	164	808398	49.121	ug/l	98
65) Chlorobenzene	11.29	112	2035167	50.066	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.40	131	679608	50.115	ug/l	98
67) Ethyl Benzene	11.41	91	3204359	48.654	ug/l	99
68) m/p-Xylenes	11.55	106	2515914	102.241	ug/l	99
69) o-Xylene	11.92	106	1180815	48.513	ug/l	100
70) Styrene	11.94	104	2022196	49.680	ug/l	100
71) Bromoform	12.10	173	567204	51.654	ug/l	100
73) Isopropylbenzene	12.27	105	3341116	50.218	ug/l	99
74) N-amyl acetate	12.12	43	1181040	48.463	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.55	83	680521	46.852	ug/l	99
76) 1,2,3-Trichloropropane	12.58	75	688422	47.401	ug/l	99
77) Bromobenzene	12.52	156	935156	48.369	ug/l	98
78) n-propylbenzene	12.62	91	3993178	48.336	ug/l	100
79) 2-Chlorotoluene	12.69	91	2198131	47.941	ug/l	99
80) 1,3,5-Trimethylbenzene	12.78	105	2551520	49.551	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.33	75	211041	51.714	ug/l	98
82) 4-Chlorotoluene	12.80	91	2453834	47.316	ug/l	100
83) tert-Butylbenzene	13.04	119	2906169	49.182	ug/l	100
84) 1,2,4-Trimethylbenzene	13.09	105	2636427	48.580	ug/l	99
85) sec-Butylbenzene	13.21	105	3551214	50.829	ug/l	99
86) p-Isopropyltoluene	13.33	119	2823874	49.278	ug/l	100
87) 1,3-Dichlorobenzene	13.30	146	1636008	48.569	ug/l	99
88) 1,4-Dichlorobenzene	13.38	146	1635446	48.337	ug/l	99
89) n-Butylbenzene	13.64	91	2810869	50.270	ug/l	99
90) Hexachloroethane	13.84	117	719498	54.251	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	1367369	48.278	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.22	75	92577	47.735	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	1170340	48.683	ug/l	98
94) Hexachlorobutadiene	14.87	225	816574	51.101	ug/l	99
95) Naphthalene	14.95	128	1681193	47.179	ug/l	100
96) 1,2,3-Trichlorobenzene	15.10	180	989304	47.307	ug/l	99

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

