

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082218\
 Data File : VD059874.D
 Acq On : 22 Aug 2018 14:08
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 8/23/2018 10:52:43 AM

Quant Time: Aug 23 01:35:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 01:14:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1184136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1663871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1416600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	725968	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.80	65	515210	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
35) Dibromofluoromethane	6.33	113	669375	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	9.46	98	1883820	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
62) 4-Bromofluorobenzene	12.43	95	753433	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	511481	49.54	ug/l	100
3) Chloromethane	1.75	50	444313	46.60	ug/l	100
4) Vinyl Chloride	1.85	62	370949	49.51	ug/l	100
5) Bromomethane	2.13	94	56162	63.79	ug/l	100
6) Chloroethane	2.25	64	118548	62.31	ug/l	100
7) Trichlorofluoromethane	2.51	101	434901	53.52	ug/l	100
8) Diethyl Ether	2.82	74	99173	53.34	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.09	101	257293	49.76	ug/l	100
10) Methyl Iodide	3.24	142	299656	61.31	ug/l	100
11) Tert butyl alcohol	3.97	59	207470	267.52	ug/l	100
12) 1,1-Dichloroethene	3.07	96	203702	51.74	ug/l	100
13) Acrolein	2.98	56	92002	299.09	ug/l	100
14) Allyl chloride	3.53	41	480555	51.83	ug/l	100
15) Acrylonitrile	4.09	53	757200	267.55	ug/l	100
16) Acetone	3.15	43	489614	283.78	ug/l	100
17) Carbon Disulfide	3.31	76	656412	53.61	ug/l	100
18) Methyl Acetate	3.56	43	195473	51.38	ug/l	100
19) Methyl tert-butyl Ether	4.12	73	1241518	52.69	ug/l	100
20) Methylene Chloride	3.72	84	613035	43.31	ug/l	100
21) trans-1,2-Dichloroethene	4.10	96	579629	51.99	ug/l	100
22) Diisopropyl ether	4.86	45	2478615	52.54	ug/l	100
23) Vinyl Acetate	4.81	43	7081545	269.37	ug/l	100
24) 1,1-Dichloroethane	4.76	63	1054807	51.85	ug/l	100
25) 2-Butanone	5.62	43	1507120	292.49	ug/l	100
26) 2,2-Dichloropropane	5.60	77	830107	49.95	ug/l	100
27) cis-1,2-Dichloroethene	5.60	96	643428	51.99	ug/l	100
28) Bromochloromethane	5.93	49	517897	53.00	ug/l	100
29) Tetrahydrofuran	5.96	42	682815	265.57	ug/l	100
30) Chloroform	6.11	83	1064144	51.24	ug/l	100
31) Cyclohexane	6.37	56	910335	48.99	ug/l	100
32) 1,1,1-Trichloroethane	6.29	97	898274	50.99	ug/l	100
36) 1,1-Dichloropropene	6.53	75	761177	51.58	ug/l	100
37) Ethyl Acetate	5.70	43	593048	50.08	ug/l	100
38) Carbon Tetrachloride	6.50	117	746625	49.92	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.05	83	838831	51.50	ug/l	100
40) Benzene	6.81	78	1983370	51.29	ug/l	100
41) Methacrylonitrile	5.94	41	321347m	30.24	ug/l	
42) 1,2-Dichloroethane	6.90	62	657928	52.16	ug/l	100
43) Isopropyl Acetate	8.36	43	819900	52.69	ug/l	100
44) Trichloroethene	7.75	130	589147	51.87	ug/l	100
45) 1,2-Dichloropropane	8.11	63	568041	51.88	ug/l	100
46) Dibromomethane	8.22	93	369749	52.69	ug/l	100
47) Bromodichloromethane	8.50	83	817119	51.52	ug/l	100
48) Methyl methacrylate	8.25	41	460706	52.60	ug/l	100
49) 1,4-Dioxane	8.24	88	84485	1057.81	ug/l	100
51) 4-Methyl-2-Pentanone	9.35	43	3184338	294.46	ug/l	100
52) Toluene	9.56	92	1274128	51.21	ug/l	100
53) t-1,3-Dichloropropene	9.93	75	767441	52.13	ug/l	100
54) cis-1,3-Dichloropropene	9.11	75	870635	50.81	ug/l	100
55) 1,1,2-Trichloroethane	10.19	97	449273	49.57	ug/l	100
56) Ethyl methacrylate	10.04	69	561199	52.05	ug/l	100
57) 1,3-Dichloropropane	10.39	76	700129	52.75	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.93	63	1259131	245.04	ug/l	100
59) 2-Hexanone	10.50	43	2344787	299.00	ug/l	100
60) Dibromochloromethane	10.64	129	604478	52.37	ug/l	100
61) 1,2-Dibromoethane	10.77	107	486894	52.09	ug/l	100
64) Tetrachloroethene	10.26	164	549760	50.79	ug/l	100
65) Chlorobenzene	11.32	112	1440651	51.85	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.42	131	528764	52.58	ug/l	100
67) Ethyl Benzene	11.43	91	2402081	52.90	ug/l	100
68) m/p-Xylenes	11.57	106	1724609	105.23	ug/l	100
69) o-Xylene	11.94	106	852226	52.97	ug/l	100
70) Styrene	11.96	104	1474811	52.77	ug/l	100
71) Bromoform	12.12	173	466379	52.25	ug/l	100
73) Isopropylbenzene	12.28	105	2310675	50.48	ug/l	100
74) N-amyl acetate	12.14	43	1039235	50.81	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.57	83	535722	50.91	ug/l	100
76) 1,2,3-Trichloropropane	12.60	75	585834	51.71	ug/l	100
77) Bromobenzene	12.54	156	656926	51.68	ug/l	100
78) n-propylbenzene	12.64	91	2947320	51.81	ug/l	100
79) 2-Chlorotoluene	12.71	91	1675491	51.69	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	1838936	51.68	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.35	75	182643	52.35	ug/l	100
82) 4-Chlorotoluene	12.82	91	1886744	52.14	ug/l	100
83) tert-Butylbenzene	13.05	119	2143233	51.82	ug/l	100
84) 1,2,4-Trimethylbenzene	13.09	105	1927947	51.43	ug/l	100
85) sec-Butylbenzene	13.22	105	2543261	52.49	ug/l	100
86) p-Isopropyltoluene	13.35	119	2026558	51.70	ug/l	100
87) 1,3-Dichlorobenzene	13.32	146	1157683	51.32	ug/l	100
88) 1,4-Dichlorobenzene	13.40	146	1149360	51.08	ug/l	100
89) n-Butylbenzene	13.65	91	1959902	50.89	ug/l	100
90) Hexachloroethane	13.86	117	547038	51.25	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	1001620	53.26	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	86000	51.80	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	871853	54.00	ug/l	100
94) Hexachlorobutadiene	14.88	225	561502	52.42	ug/l	100
95) Naphthalene	14.97	128	1343454	52.43	ug/l	100
96) 1,2,3-Trichlorobenzene	15.12	180	747507	52.79	ug/l	100

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

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