

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120518\
 Data File : VD060492.D
 Acq On : 5 Dec 2018 15:05
 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
 12/6/2018 10:51:42 AM

Quant Time: Dec 06 00:58:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 00:38:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1609930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2271193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1760236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	902163	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.79	65	588670	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	6.33	113	860783	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	9.46	98	2540332	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.43	95	887874	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.60	85	790537	53.212	ug/l 100
3) Chloromethane	1.77	50	749632	48.594	ug/l 100
4) Vinyl Chloride	1.86	62	629133	50.052	ug/l 100
5) Bromomethane	2.17	94	190686	63.015	ug/l 100
6) Chloroethane	2.28	64	217752	52.710	ug/l 100
7) Trichlorofluoromethane	2.52	101	786550	52.982	ug/l 100
8) Diethyl Ether	2.84	74	138187	51.800	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.10	101	485143	50.354	ug/l 100
10) Methyl Iodide	3.26	142	602130	48.426	ug/l 100
11) Tert butyl alcohol	3.98	59	129445	274.817	ug/l 100
12) 1,1-Dichloroethene	3.08	96	395926	50.478	ug/l 100
13) Acrolein	2.99	56	123858	225.105	ug/l 100
14) Allyl chloride	3.55	41	777787	51.629	ug/l 100
15) Acrylonitrile	4.10	53	694363	252.623	ug/l 100
16) Acetone	3.17	43	476866	239.542	ug/l 100
17) Carbon Disulfide	3.33	76	1289638	50.632	ug/l 100
18) Methyl Acetate	3.58	43	213737	49.567	ug/l 100
19) Methyl tert-butyl Ether	4.14	73	1184570	50.612	ug/l 100
20) Methylene Chloride	3.73	84	884475	49.452	ug/l 100
21) trans-1,2-Dichloroethene	4.12	96	909197	51.944	ug/l 100
22) Diisopropyl ether	4.86	45	2855521	50.985	ug/l 100
23) Vinyl Acetate	4.82	43	7282782	260.370	ug/l 100
24) 1,1-Dichloroethane	4.77	63	1479598	51.337	ug/l 100
25) 2-Butanone	5.63	43	976885	238.717	ug/l 100
26) 2,2-Dichloropropane	5.59	77	1110400	49.799	ug/l 100
27) cis-1,2-Dichloroethene	5.60	96	922969	50.840	ug/l 100
28) Bromochloromethane	5.94	49	635967	50.014	ug/l 100
29) Tetrahydrofuran	5.96	42	544287	249.511	ug/l 100
30) Chloroform	6.11	83	1495031	51.881	ug/l 100
31) Cyclohexane	6.37	56	1309784	47.735	ug/l 100
32) 1,1,1-Trichloroethane	6.30	97	1241570	51.302	ug/l 100
36) 1,1-Dichloropropene	6.53	75	1133189	50.472	ug/l 100
37) Ethyl Acetate	5.70	43	529087	51.454	ug/l 100
38) Carbon Tetrachloride	6.51	117	1023332	49.408	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	1294349	50.266	ug/l	100
40) Benzene	6.80	78	2917889	51.073	ug/l	100
41) Methacrylonitrile	5.93	41	251192m	23.632	ug/l	
42) 1,2-Dichloroethane	6.90	62	745037	50.118	ug/l	100
43) Isopropyl Acetate	8.35	43	640070	49.977	ug/l	100
44) Trichloroethene	7.75	130	897548	51.785	ug/l	100
45) 1,2-Dichloropropane	8.11	63	735568	51.173	ug/l	100
46) Dibromomethane	8.22	93	435418	51.622	ug/l	100
47) Bromodichloromethane	8.50	83	1021142	51.589	ug/l	100
48) Methyl methacrylate	8.25	41	392066	50.191	ug/l	100
49) 1,4-Dioxane	8.23	88	72800	1066.904	ug/l	100
51) 4-Methyl-2-Pentanone	9.34	43	2015894	241.526	ug/l	100
52) Toluene	9.55	92	1839384	50.457	ug/l	100
53) t-1,3-Dichloropropene	9.92	75	843627	50.673	ug/l	100
54) cis-1,3-Dichloropropene	9.11	75	1110817	51.593	ug/l	100
55) 1,1,2-Trichloroethane	10.19	97	506249	47.958	ug/l	100
56) Ethyl methacrylate	10.03	69	503586	52.243	ug/l	100
57) 1,3-Dichloropropane	10.39	76	798763	49.849	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.93	63	1386817	239.112	ug/l	100
59) 2-Hexanone	10.49	43	1452597	245.555	ug/l	100
60) Dibromochloromethane	10.64	129	679296	53.027	ug/l	100
61) 1,2-Dibromoethane	10.76	107	546952	51.793	ug/l	100
64) Tetrachloroethene	10.26	164	818180	51.921	ug/l	100
65) Chlorobenzene	11.31	112	1921654	50.534	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.42	131	625109	50.267	ug/l	100
67) Ethyl Benzene	11.43	91	3234646	49.544	ug/l	100
68) m/p-Xylenes	11.57	106	2443823	101.726	ug/l	100
69) o-Xylene	11.94	106	1183613	51.049	ug/l	100
70) Styrene	11.96	104	1919188	50.955	ug/l	100
71) Bromoform	12.12	173	450853	53.776	ug/l	100
73) Isopropylbenzene	12.27	105	3239910	49.123	ug/l	100
74) N-amyl acetate	12.14	43	864432	51.420	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.56	83	522234	48.921	ug/l	100
76) 1,2,3-Trichloropropane	12.60	75	539314	50.185	ug/l	100
77) Bromobenzene	12.54	156	865807	49.651	ug/l	100
78) n-propylbenzene	12.64	91	4050714	49.524	ug/l	100
79) 2-Chlorotoluene	12.71	91	2216064	49.219	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	2451305	48.221	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.34	75	158246	51.690	ug/l	100
82) 4-Chlorotoluene	12.82	91	2435920	48.341	ug/l	100
83) tert-Butylbenzene	13.05	119	2850016	50.359	ug/l	100
84) 1,2,4-Trimethylbenzene	13.09	105	2568466	50.433	ug/l	100
85) sec-Butylbenzene	13.22	105	3366225	48.716	ug/l	100
86) p-Isopropyltoluene	13.35	119	2715432	48.873	ug/l	100
87) 1,3-Dichlorobenzene	13.32	146	1569730	50.646	ug/l	100
88) 1,4-Dichlorobenzene	13.40	146	1509766	49.975	ug/l	100
89) n-Butylbenzene	13.65	91	2747632	48.323	ug/l	100
90) Hexachloroethane	13.86	117	703291	52.616	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	1248458	49.142	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.22	75	65303	50.833	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	1007808	50.080	ug/l	100
94) Hexachlorobutadiene	14.88	225	735887	49.094	ug/l	100
95) Naphthalene	14.97	128	1277940	51.736	ug/l	100
96) 1,2,3-Trichlorobenzene	15.12	180	792447	49.276	ug/l	100

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

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