

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110918\
 Data File : VD060308.D
 Acq On : 9 Nov 2018 11:13
 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 12 14:33:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1774180	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	2465802	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1960880	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	973965	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	615623	48.46	ug/l	-0.02
Spiked Amount			Recovery	=	96.92%	
35) Dibromofluoromethane	6.32	113	938728	51.05	ug/l	-0.02
Spiked Amount			Recovery	=	102.10%	
50) Toluene-d8	9.45	98	2762200	51.33	ug/l	-0.02
Spiked Amount			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.42	95	967931	49.64	ug/l	-0.02
Spiked Amount			Recovery	=	99.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	768618	55.759	ug/l	97
3) Chloromethane	1.77	50	772812	45.985	ug/l	98
4) Vinyl Chloride	1.86	62	664970	48.451	ug/l	99
5) Bromomethane	2.16	94	199036	61.126	ug/l	97
6) Chloroethane	2.27	64	242820	53.322	ug/l	95
7) Trichlorofluoromethane	2.52	101	892738	55.172	ug/l	99
8) Diethyl Ether	2.83	74	143882	49.113	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.10	101	552959	51.957	ug/l	98
10) Methyl Iodide	3.25	142	651130	47.106	ug/l	99
11) Tert butyl alcohol	3.96	59	130939	251.010	ug/l #	91
12) 1,1-Dichloroethene	3.08	96	442393	51.103	ug/l	99
13) Acrolein	2.99	56	150649	244.408	ug/l	100
14) Allyl chloride	3.54	41	821285	49.582	ug/l	95
15) Acrylonitrile	4.08	53	726339	238.773	ug/l	99
16) Acetone	3.16	43	550979	250.042	ug/l	98
17) Carbon Disulfide	3.32	76	1393367	49.866	ug/l	99
18) Methyl Acetate	3.56	43	219920	46.807	ug/l	98
19) Methyl tert-butyl Ether	4.12	73	1284981	49.571	ug/l	99
20) Methylene Chloride	3.72	84	960716	49.149	ug/l	99
21) trans-1,2-Dichloroethene	4.10	96	1001081	52.082	ug/l	99
22) Diisopropyl ether	4.85	45	3214554	51.945	ug/l	93
23) Vinyl Acetate	4.80	43	7610151	247.145	ug/l	99
24) 1,1-Dichloroethane	4.75	63	1677760	52.870	ug/l	100
25) 2-Butanone	5.62	43	1137569	248.367	ug/l	100
26) 2,2-Dichloropropane	5.59	77	1354011	54.881	ug/l	100
27) cis-1,2-Dichloroethene	5.59	96	1034582	51.666	ug/l	96
28) Bromochloromethane	5.92	49	683862	48.841	ug/l	95
29) Tetrahydrofuran	5.95	42	560570	232.138	ug/l	99
30) Chloroform	6.10	83	1679315	52.934	ug/l	99
31) Cyclohexane	6.36	56	1539628	50.761	ug/l	95
32) 1,1,1-Trichloroethane	6.29	97	1432236	53.596	ug/l	100
36) 1,1-Dichloropropene	6.52	75	1285252	52.759	ug/l	99
37) Ethyl Acetate	5.70	43	525800	46.905	ug/l	98
38) Carbon Tetrachloride	6.49	117	1185685	52.468	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	1491158	53.219	ug/l	97
40) Benzene	6.79	78	3292480	52.947	ug/l	100
41) Methacrylonitrile	5.93	41	613043	47.781	ug/l #	91
42) 1,2-Dichloroethane	6.89	62	825737	50.732	ug/l	97
43) Isopropyl Acetate	8.34	43	700067	49.717	ug/l	99
44) Trichloroethene	7.73	130	1035498	54.933	ug/l	98
45) 1,2-Dichloropropane	8.10	63	827649	52.774	ug/l	97
46) Dibromomethane	8.22	93	465028	50.628	ug/l	96
47) Bromodichloromethane	8.48	83	1151268	53.189	ug/l	100
48) Methyl methacrylate	8.24	41	424394	49.618	ug/l	96
49) 1,4-Dioxane	8.22	88	73188	988.963	ug/l	92
51) 4-Methyl-2-Pentanone	9.34	43	2165633	236.297	ug/l	100
52) Toluene	9.54	92	2065363	51.995	ug/l	100
53) t-1,3-Dichloropropene	9.91	75	967438	52.899	ug/l	100
54) cis-1,3-Dichloropropene	9.10	75	1266661	54.000	ug/l	96
55) 1,1,2-Trichloroethane	10.17	97	559190	48.570	ug/l	98
56) Ethyl methacrylate	10.03	69	538801	50.899	ug/l	98
57) 1,3-Dichloropropane	10.38	76	881884	50.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.91	63	1507778	235.569	ug/l	97
59) 2-Hexanone	10.48	43	1639522	250.993	ug/l	98
60) Dibromochloromethane	10.64	129	741020	52.948	ug/l	98
61) 1,2-Dibromoethane	10.75	107	583822	50.611	ug/l	99
64) Tetrachloroethene	10.24	164	921767	52.656	ug/l	98
65) Chlorobenzene	11.31	112	2171736	51.116	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.41	131	733744	52.782	ug/l	97
67) Ethyl Benzene	11.42	91	3762305	51.765	ug/l	100
68) m/p-Xylenes	11.56	106	2772767	103.422	ug/l	99
69) o-Xylene	11.93	106	1305649	50.409	ug/l	93
70) Styrene	11.95	104	2153806	51.454	ug/l	99
71) Bromoform	12.11	173	493060	52.783	ug/l	98
73) Isopropylbenzene	12.27	105	3722473	52.458	ug/l	100
74) N-amyl acetate	12.13	43	887218	48.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.55	83	578165	49.820	ug/l	98
76) 1,2,3-Trichloropropane	12.59	75	578446	49.648	ug/l	98
77) Bromobenzene	12.54	156	997907	52.942	ug/l	98
78) n-propylbenzene	12.63	91	4691458	52.968	ug/l	100
79) 2-Chlorotoluene	12.70	91	2509908	51.740	ug/l	99
80) 1,3,5-Trimethylbenzene	12.79	105	2841460	51.525	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.34	75	171380	51.667	ug/l	98
82) 4-Chlorotoluene	12.81	91	2781582	51.045	ug/l	88
83) tert-Butylbenzene	13.05	119	3209352	52.419	ug/l	99
84) 1,2,4-Trimethylbenzene	13.09	105	2747432	49.885	ug/l	100
85) sec-Butylbenzene	13.21	105	3891450	51.806	ug/l	98
86) p-Isopropyltoluene	13.34	119	3123103	51.629	ug/l	99
87) 1,3-Dichlorobenzene	13.31	146	1753490	52.288	ug/l	95
88) 1,4-Dichlorobenzene	13.39	146	1694878	51.750	ug/l	99
89) n-Butylbenzene	13.65	91	3067130	52.590	ug/l	99
90) Hexachloroethane	13.85	117	801241	55.860	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	1346658	48.889	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.23	75	74001	52.825	ug/l	98

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93) 1,2,4-Trichlorobenzene	14.79	180	1083142	49.596	ug/l	100
94) Hexachlorobutadiene	14.88	225	859014	52.587	ug/l	98
95) Naphthalene	14.97	128	1315515	49.331	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	856924	48.966	ug/l	99

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

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