

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111318\
 Data File : VD060353.D
 Acq On : 13 Nov 2018 10:46
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 14 11:08:38 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	6.43	168	1695900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2323770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1888244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.39	152	992870	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.80	65	616011	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	6.34	113	890231	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	9.48	98	2631137	51.88	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.44	95	918794	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.61	85	680123	51.242	ug/l	99
3) Chloromethane	1.77	50	699594	43.550	ug/l	100
4) Vinyl Chloride	1.87	62	616216	46.971	ug/l	98
5) Bromomethane	2.17	94	171440	55.081	ug/l	97
6) Chloroethane	2.28	64	215806	49.577	ug/l	93
7) Trichlorofluoromethane	2.53	101	796343	51.486	ug/l	98
8) Diethyl Ether	2.85	74	137893	49.241	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.11	101	512223	50.351	ug/l	95
10) Methyl Iodide	3.27	142	621635	47.048	ug/l	99
11) Tert butyl alcohol	4.01	59	113160	226.941	ug/l #	89
12) 1,1-Dichloroethene	3.09	96	406849	49.166	ug/l	96
13) Acrolein	3.00	56	146195	248.130	ug/l	98
14) Allyl chloride	3.56	41	758788	47.924	ug/l	96
15) Acrylonitrile	4.11	53	713437	245.357	ug/l	99
16) Acetone	3.18	43	547403	259.886	ug/l	99
17) Carbon Disulfide	3.34	76	1276035	47.775	ug/l	99
18) Methyl Acetate	3.58	43	222949	49.642	ug/l	99
19) Methyl tert-butyl Ether	4.15	73	1238833	49.997	ug/l	98
20) Methylene Chloride	3.74	84	939882	50.302	ug/l	98
21) trans-1,2-Dichloroethene	4.13	96	919309	50.035	ug/l	97
22) Diisopropyl ether	4.87	45	3003827	50.781	ug/l	92
23) Vinyl Acetate	4.82	43	7477502	254.046	ug/l	99
24) 1,1-Dichloroethane	4.78	63	1574666	51.912	ug/l	99
25) 2-Butanone	5.64	43	1127074	257.434	ug/l	99
26) 2,2-Dichloropropane	5.61	77	1248159	52.926	ug/l	98
27) cis-1,2-Dichloroethene	5.62	96	959273	50.117	ug/l	97
28) Bromochloromethane	5.95	49	652092	48.721	ug/l	94
29) Tetrahydrofuran	5.98	42	565896	245.161	ug/l	100
30) Chloroform	6.12	83	1607736	53.017	ug/l	99
31) Cyclohexane	6.39	56	1387835	47.869	ug/l	94
32) 1,1,1-Trichloroethane	6.32	97	1297893	50.811	ug/l	100
36) 1,1-Dichloropropene	6.55	75	1233097	53.711	ug/l	100
37) Ethyl Acetate	5.72	43	519961	49.219	ug/l	98
38) Carbon Tetrachloride	6.53	117	1112469	52.237	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.06	83	1361274	51.553	ug/l	97
40) Benzene	6.81	78	3185954	54.365	ug/l	100
41) Methacrylonitrile	5.97	41	604490	49.994	ug/l	99
42) 1,2-Dichloroethane	6.91	62	807432	52.640	ug/l	96
43) Isopropyl Acetate	8.37	43	669175	50.428	ug/l #	97
44) Trichloroethene	7.77	130	957159	53.880	ug/l	97
45) 1,2-Dichloropropane	8.12	63	797357	53.950	ug/l	96
46) Dibromomethane	8.24	93	458114	52.923	ug/l	97
47) Bromodichloromethane	8.51	83	1071559	52.532	ug/l	98
48) Methyl methacrylate	8.27	41	419945	52.099	ug/l	94
49) 1,4-Dioxane	8.25	88	76606	1098.419	ug/l	100
51) 4-Methyl-2-Pentanone	9.36	43	2145192	248.373	ug/l	98
52) Toluene	9.57	92	1987114	53.083	ug/l	98
53) t-1,3-Dichloropropene	9.94	75	936806	54.355	ug/l	98
54) cis-1,3-Dichloropropene	9.13	75	1217335	55.070	ug/l	96
55) 1,1,2-Trichloroethane	10.20	97	542591	50.009	ug/l	97
56) Ethyl methacrylate	10.05	69	559828	56.118	ug/l	98
57) 1,3-Dichloropropane	10.40	76	878335	53.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.95	63	1506463	249.749	ug/l	100
59) 2-Hexanone	10.50	43	1650051	268.044	ug/l	99
60) Dibromochloromethane	10.66	129	725675	55.021	ug/l	97
61) 1,2-Dibromoethane	10.78	107	558981	51.420	ug/l	100
64) Tetrachloroethene	10.28	164	879174	52.155	ug/l	95
65) Chlorobenzene	11.33	112	2085245	50.968	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.44	131	705873	52.731	ug/l	96
67) Ethyl Benzene	11.45	91	3578582	51.132	ug/l	99
68) m/p-Xylenes	11.59	106	2682723	103.912	ug/l	98
69) o-Xylene	11.95	106	1252492	50.217	ug/l	97
70) Styrene	11.97	104	2050453	50.869	ug/l	96
71) Bromoform	12.13	173	476818	53.008	ug/l	97
73) Isopropylbenzene	12.29	105	3622587	50.079	ug/l	98
74) N-amyl acetate	12.15	43	879612	47.429	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	567263	47.949	ug/l	97
76) 1,2,3-Trichloropropane	12.61	75	582847	49.073	ug/l	99
77) Bromobenzene	12.56	156	956331	49.770	ug/l	88
78) n-propylbenzene	12.65	91	4436778	49.139	ug/l	97
79) 2-Chlorotoluene	12.72	91	2434987	49.240	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	2773576	49.336	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.35	75	173988	51.455	ug/l	99
82) 4-Chlorotoluene	12.83	91	2764505	49.766	ug/l	92
83) tert-Butylbenzene	13.06	119	3139119	50.295	ug/l	96
84) 1,2,4-Trimethylbenzene	13.11	105	2694769	47.997	ug/l	95
85) sec-Butylbenzene	13.24	105	3683213	48.100	ug/l	94
86) p-Isopropyltoluene	13.36	119	3053072	49.510	ug/l	99
87) 1,3-Dichlorobenzene	13.33	146	1696246	49.618	ug/l	96
88) 1,4-Dichlorobenzene	13.41	146	1664854	49.865	ug/l	97
89) n-Butylbenzene	13.66	91	2930378	48.579	ug/l	99
90) Hexachloroethane	13.87	117	768514	52.558	ug/l	92
91) 1,2-Dichlorobenzene	13.67	146	1350508	48.096	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	71979	50.403	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	1121516	50.375	ug/l	99
94) Hexachlorobutadiene	14.89	225	832278	49.980	ug/l	99
95) Naphthalene	14.98	128	1320938	48.591	ug/l	99
96) 1,2,3-Trichlorobenzene	15.13	180	870032	48.768	ug/l	99

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

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