

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120318\
 Data File : VD060469.D
 Acq On : 3 Dec 2018 12:13
 Operator : VA/AP
 Sample : VD1203SBS01
 Misc : 5.00µg/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1203SBS01

Quant Time: Dec 04 02:19:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1332800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.47	114	1821103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1448948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.39	152	732094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.82	65	474344	49.71	ug/l	0.02
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	6.35	113	710534	52.32	ug/l	0.02
Spiked Amount	50.000		Recovery	=	104.64%	
50) Toluene-d8	9.48	98	2037840	51.27	ug/l	0.02
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.43	95	737641	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.60	85	255267	21.837	ug/l	97
3) Chloromethane	1.78	50	250837	19.869	ug/l	96
4) Vinyl Chloride	1.87	62	211295	20.494	ug/l	100
5) Bromomethane	2.16	94	39546	16.167	ug/l	99
6) Chloroethane	2.27	64	66582	19.463	ug/l	94
7) Trichlorofluoromethane	2.53	101	249132	20.495	ug/l	98
8) Diethyl Ether	2.85	74	43968	19.978	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.12	101	168087	21.024	ug/l	97
10) Methyl Iodide	3.27	142	177592	17.103	ug/l	97
11) Tert butyl alcohol	4.01	59	42208	107.709	ug/l #	88
12) 1,1-Dichloroethene	3.10	96	129663	19.938	ug/l	97
13) Acrolein	3.00	56	26372	56.954	ug/l	95
14) Allyl chloride	3.56	41	268271	21.560	ug/l	96
15) Acrylonitrile	4.12	53	244557	107.018	ug/l	98
16) Acetone	3.18	43	174952	105.689	ug/l	100
17) Carbon Disulfide	3.34	76	389061	18.535	ug/l	99
18) Methyl Acetate	3.58	43	71075	20.137	ug/l	97
19) Methyl tert-butyl Ether	4.15	73	419652	21.550	ug/l	100
20) Methylene Chloride	3.75	84	317082	21.593	ug/l	97
21) trans-1,2-Dichloroethene	4.13	96	307163	21.272	ug/l	99
22) Diisopropyl ether	4.89	45	1040486	22.382	ug/l	99
23) Vinyl Acetate	4.83	43	2485078	107.431	ug/l	98
24) 1,1-Dichloroethane	4.79	63	529292	22.203	ug/l	99
25) 2-Butanone	5.64	43	364246	105.863	ug/l	100
26) 2,2-Dichloropropane	5.62	77	417333	22.517	ug/l	100
27) cis-1,2-Dichloroethene	5.63	96	340072	22.607	ug/l	95
28) Bromochloromethane	5.95	49	213968	20.342	ug/l	94
29) Tetrahydrofuran	5.98	42	186425	102.767	ug/l	100
30) Chloroform	6.13	83	530848	22.275	ug/l	100
31) Cyclohexane	6.39	56	465605	20.435	ug/l	99
32) 1,1,1-Trichloroethane	6.31	97	439029	21.870	ug/l	98
36) 1,1-Dichloropropene	6.55	75	397675	22.103	ug/l	98
37) Ethyl Acetate	5.72	43	174717	21.104	ug/l	98
38) Carbon Tetrachloride	6.52	117	378616	22.686	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.07	83	453133	21.898	ug/l	98
40) Benzene	6.82	78	1016568	22.135	ug/l	99
41) Methacrylonitrile	5.96	41	194992	20.578	ug/l #	87
42) 1,2-Dichloroethane	6.92	62	257819	21.448	ug/l	98
43) Isopropyl Acetate	8.37	43	221718	21.320	ug/l #	97
44) Trichloroethene	7.77	130	317958	22.839	ug/l	98
45) 1,2-Dichloropropane	8.12	63	257192	22.205	ug/l	98
46) Dibromomethane	8.24	93	149850	22.090	ug/l	97
47) Bromodichloromethane	8.52	83	355341	22.229	ug/l	95
48) Methyl methacrylate	8.27	41	131866	20.875	ug/l	93
49) 1,4-Dioxane	8.25	88	24678	451.517	ug/l	90
51) 4-Methyl-2-Pentanone	9.36	43	723400	106.875	ug/l	98
52) Toluene	9.57	92	661599	22.552	ug/l	100
53) t-1,3-Dichloropropene	9.95	75	295688	21.892	ug/l	100
54) cis-1,3-Dichloropropene	9.13	75	381789	22.039	ug/l	98
55) 1,1,2-Trichloroethane	10.20	97	184023	21.642	ug/l	98
56) Ethyl methacrylate	10.05	69	167381	21.410	ug/l	99
57) 1,3-Dichloropropane	10.41	76	271139	20.927	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.94	63	507556	107.371	ug/l	98
59) 2-Hexanone	10.51	43	523411	108.495	ug/l	99
60) Dibromochloromethane	10.66	129	237058	22.935	ug/l	98
61) 1,2-Dibromoethane	10.78	107	185001	21.715	ug/l	97
64) Tetrachloroethene	10.27	164	288902	22.334	ug/l	97
65) Chlorobenzene	11.33	112	715180	22.780	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.43	131	239415	23.307	ug/l	97
67) Ethyl Benzene	11.44	91	1271850	23.682	ug/l	99
68) m/p-Xylenes	11.58	106	953278	48.119	ug/l	99
69) o-Xylene	11.95	106	448390	23.428	ug/l	91
70) Styrene	11.97	104	710837	22.982	ug/l	99
71) Bromoform	12.13	173	151573	21.959	ug/l	100
73) Isopropylbenzene	12.29	105	1224515	22.957	ug/l	100
74) N-amyl acetate	12.15	43	280432	20.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.57	83	182593	20.932	ug/l	99
76) 1,2,3-Trichloropropane	12.61	75	186144	21.255	ug/l	97
77) Bromobenzene	12.55	156	314341	22.187	ug/l	99
78) n-propylbenzene	12.65	91	1574257	23.646	ug/l	99
79) 2-Chlorotoluene	12.72	91	851128	23.342	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	958373	23.120	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.36	75	52760	21.161	ug/l	91
82) 4-Chlorotoluene	12.82	91	951882	23.239	ug/l	100
83) tert-Butylbenzene	13.06	119	1081131	23.492	ug/l	99
84) 1,2,4-Trimethylbenzene	13.10	105	981729	23.714	ug/l	98
85) sec-Butylbenzene	13.23	105	1301292	23.047	ug/l	99
86) p-Isopropyltoluene	13.35	119	1062217	23.361	ug/l	95
87) 1,3-Dichlorobenzene	13.32	146	572017	22.693	ug/l	99
88) 1,4-Dichlorobenzene	13.40	146	558710	22.695	ug/l	93
89) n-Butylbenzene	13.66	91	1117009	22.642	ug/l	97
90) Hexachloroethane	13.87	117	252629	23.431	ug/l	89
91) 1,2-Dichlorobenzene	13.67	146	483321	23.344	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	23064	21.903	ug/l	63

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.80	180	394384	24.025	ug/l	98
94) Hexachlorobutadiene	14.90	225	286198	23.309	ug/l	100
95) Naphthalene	14.98	128	459454	22.921	ug/l	100
96) 1,2,3-Trichlorobenzene	15.13	180	307104	23.346	ug/l	99

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

