

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120418\
 Data File : VD060483.D
 Acq On : 4 Dec 2018 13:14
 Operator : VA/AP
 Sample : VD1204SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1204SBS01

Quant Time: Dec 05 02:24:16 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	6.41	168	1296727	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	1764973	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.29	117	1382883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	709346	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.79	65	525557	56.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.20%	
35) Dibromofluoromethane	6.33	113	789400	59.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.96%	
50) Toluene-d8	9.46	98	2154387	55.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.86%	
62) 4-Bromofluorobenzene	12.43	95	793980	56.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.60	85	250214	22.038	ug/l	98
3) Chloromethane	1.76	50	247950	20.186	ug/l	97
4) Vinyl Chloride	1.85	62	211768	21.111	ug/l	100
5) Bromomethane	2.15	94	39206	16.474	ug/l	99
6) Chloroethane	2.26	64	59581	17.901	ug/l	95
7) Trichlorofluoromethane	2.51	101	250650	21.194	ug/l	98
8) Diethyl Ether	2.84	74	46472	21.704	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.09	101	175967	22.622	ug/l	97
10) Methyl Iodide	3.25	142	191825	18.987	ug/l	96
11) Tert butyl alcohol	3.98	59	41166	107.972	ug/l #	90
12) 1,1-Dichloroethene	3.08	96	140718	22.240	ug/l	92
13) Acrolein	2.99	56	30368	67.408	ug/l	90
14) Allyl chloride	3.54	41	261414	21.593	ug/l	100
15) Acrylonitrile	4.10	53	257153	115.661	ug/l	98
16) Acetone	3.16	43	187524	116.435	ug/l	99
17) Carbon Disulfide	3.32	76	393998	19.292	ug/l	99
18) Methyl Acetate	3.56	43	69303	20.181	ug/l	96
19) Methyl tert-butyl Ether	4.13	73	419017	22.116	ug/l	99
20) Methylene Chloride	3.72	84	366932	25.683	ug/l	98
21) trans-1,2-Dichloroethene	4.11	96	306476	21.815	ug/l	97
22) Diisopropyl ether	4.86	45	1002774	22.171	ug/l	99
23) Vinyl Acetate	4.81	43	2555241	113.537	ug/l	99
24) 1,1-Dichloroethane	4.76	63	512984	22.117	ug/l	99
25) 2-Butanone	5.63	43	378201	112.976	ug/l	98
26) 2,2-Dichloropropane	5.59	77	414352	22.978	ug/l	100
27) cis-1,2-Dichloroethene	5.60	96	333307	22.774	ug/l	95
28) Bromochloromethane	5.93	49	218476	21.348	ug/l	96
29) Tetrahydrofuran	5.96	42	199066	112.788	ug/l	98
30) Chloroform	6.10	83	515604	22.237	ug/l	100
31) Cyclohexane	6.37	56	458281	20.673	ug/l	96
32) 1,1,1-Trichloroethane	6.30	97	437223	22.386	ug/l	99
36) 1,1-Dichloropropene	6.53	75	393212	22.550	ug/l	99
37) Ethyl Acetate	5.70	43	181619	22.635	ug/l	94
38) Carbon Tetrachloride	6.51	117	364404	22.528	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	440498	21.964	ug/l	97
40) Benzene	6.80	78	1011212	22.719	ug/l	100
41) Methacrylonitrile	5.96	41	213666	23.266	ug/l #	95
42) 1,2-Dichloroethane	6.90	62	266687	22.891	ug/l	98
43) Isopropyl Acetate	8.36	43	228556	22.676	ug/l #	100
44) Trichloroethene	7.75	130	308541	22.867	ug/l	99
45) 1,2-Dichloropropane	8.11	63	255370	22.749	ug/l	96
46) Dibromomethane	8.22	93	147060	22.368	ug/l	99
47) Bromodichloromethane	8.49	83	358699	23.152	ug/l	98
48) Methyl methacrylate	8.25	41	134577	21.982	ug/l	95
49) 1,4-Dioxane	8.24	88	26697	503.991	ug/l #	83
51) 4-Methyl-2-Pentanone	9.35	43	733323	111.786	ug/l	98
52) Toluene	9.55	92	633628	22.285	ug/l	100
53) t-1,3-Dichloropropene	9.92	75	301178	23.008	ug/l	98
54) cis-1,3-Dichloropropene	9.10	75	385659	22.970	ug/l	99
55) 1,1,2-Trichloroethane	10.19	97	180936	21.956	ug/l	96
56) Ethyl methacrylate	10.04	69	168774	22.275	ug/l	96
57) 1,3-Dichloropropane	10.38	76	277936	22.134	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.93	63	544283	118.802	ug/l	100
59) 2-Hexanone	10.49	43	562856	120.382	ug/l	100
60) Dibromochloromethane	10.64	129	234318	23.391	ug/l	98
61) 1,2-Dibromoethane	10.76	107	188543	22.835	ug/l	100
64) Tetrachloroethene	10.26	164	280824	22.747	ug/l	98
65) Chlorobenzene	11.32	112	712629	23.783	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.42	131	238049	24.282	ug/l	99
67) Ethyl Benzene	11.43	91	1232108	24.038	ug/l	98
68) m/p-Xylenes	11.56	106	912397	48.256	ug/l	98
69) o-Xylene	11.94	106	427974	23.429	ug/l	97
70) Styrene	11.96	104	714131	24.191	ug/l	99
71) Bromoform	12.12	173	153276	23.267	ug/l	99
73) Isopropylbenzene	12.28	105	1170375	22.646	ug/l	98
74) N-amyl acetate	12.14	43	293966	22.186	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	196696	23.272	ug/l	100
76) 1,2,3-Trichloropropane	12.60	75	187864	22.140	ug/l	97
77) Bromobenzene	12.54	156	308197	22.451	ug/l	90
78) n-propylbenzene	12.64	91	1511076	23.425	ug/l	97
79) 2-Chlorotoluene	12.71	91	823373	23.305	ug/l	96
80) 1,3,5-Trimethylbenzene	12.79	105	943283	23.486	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.34	75	52980	21.931	ug/l	89
82) 4-Chlorotoluene	12.81	91	934338	23.542	ug/l	91
83) tert-Butylbenzene	13.05	119	1040672	23.338	ug/l	96
84) 1,2,4-Trimethylbenzene	13.10	105	941382	23.469	ug/l	96
85) sec-Butylbenzene	13.23	105	1259539	23.023	ug/l	95
86) p-Isopropyltoluene	13.35	119	1037750	23.555	ug/l	98
87) 1,3-Dichlorobenzene	13.32	146	586910	24.030	ug/l	96
88) 1,4-Dichlorobenzene	13.40	146	539741	22.628	ug/l	98
89) n-Butylbenzene	13.65	91	1075955	22.493	ug/l	97
90) Hexachloroethane	13.86	117	245091	23.461	ug/l	89
91) 1,2-Dichlorobenzene	13.66	146	480022	23.928	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.23	75	23589	23.120	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	371558	23.360	ug/l	98
94) Hexachlorobutadiene	14.88	225	259921	21.848	ug/l	99
95) Naphthalene	14.97	128	456946	23.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	301001	23.616	ug/l	98

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

