

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061578.D
 Acq On : 4 Apr 2019 14:53
 Operator : VA/AP
 Sample : VD0404SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0404SBS01

Quant Time: Apr 05 01:09:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	655202	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	1068455	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	795510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	389440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	282228	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	6.90	113	406389	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.39	98	897411	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
62) 4-Bromofluorobenzene	13.55	95	382584	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	148143	21.172	ug/l	99
3) Chloromethane	1.76	50	131023	22.960	ug/l	96
4) Vinyl Chloride	1.84	62	114624	21.876	ug/l	100
5) Bromomethane	2.15	94	19908	19.160	ug/l	88
6) Chloroethane	2.25	64	33523	21.817	ug/l	99
7) Trichlorofluoromethane	2.52	101	164860	21.637	ug/l	96
8) Diethyl Ether	2.87	74	56957	23.218	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.14	101	176989	21.607	ug/l	97
10) Methyl Iodide	3.29	142	216412	19.640	ug/l	99
11) Tert butyl alcohol	4.04	59	41451	118.920	ug/l	96
12) 1,1-Dichloroethene	3.11	96	147973	21.041	ug/l	97
13) Acrolein	3.03	56	23319	71.440	ug/l	97
14) Allyl chloride	3.61	41	221506	22.582	ug/l	96
15) Acrylonitrile	4.18	53	142187	117.530	ug/l	96
16) Acetone	3.21	43	169317	117.679	ug/l	97
17) Carbon Disulfide	3.37	76	480803	21.042	ug/l	100
18) Methyl Acetate	3.63	43	73940	24.442	ug/l	96
19) Methyl tert-butyl Ether	4.22	73	278525	22.879	ug/l	99
20) Methylene Chloride	3.80	84	215120	25.759	ug/l	97
21) trans-1,2-Dichloroethene	4.21	96	170711	22.483	ug/l	96
22) Diisopropyl ether	5.09	45	456793	22.006	ug/l	95
23) Vinyl Acetate	5.03	43	1256474	111.436	ug/l	98
24) 1,1-Dichloroethane	4.97	63	265692	21.780	ug/l	99
25) 2-Butanone	6.05	43	203141	112.240	ug/l	100
26) 2,2-Dichloropropane	6.00	77	223931	23.092	ug/l	100
27) cis-1,2-Dichloroethene	6.02	96	179150	21.535	ug/l	94
28) Bromochloromethane	6.42	49	97708	19.842	ug/l #	93
29) Tetrahydrofuran	6.43	42	97812	111.499	ug/l	99
30) Chloroform	6.65	83	290782	23.069	ug/l	99
31) Cyclohexane	6.93	56	211809	21.972	ug/l	98
32) 1,1,1-Trichloroethane	6.86	97	249436	22.431	ug/l	94
36) 1,1-Dichloropropene	7.13	75	225493	24.181	ug/l	98
37) Ethyl Acetate	6.16	43	97424	24.428	ug/l	99
38) Carbon Tetrachloride	7.09	117	241053	22.496	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	227383	23.412	ug/l	96
40) Benzene	7.44	78	554235	23.682	ug/l	97
41) Methacrylonitrile	6.42	41	110204	23.633	ug/l #	96
42) 1,2-Dichloroethane	7.56	62	174687	24.953	ug/l	98
43) Isopropyl Acetate	9.22	43	137749	23.739	ug/l	98
44) Trichloroethene	8.52	130	203153	23.325	ug/l	97
45) 1,2-Dichloropropane	8.92	63	126078	21.245	ug/l	98
46) Dibromomethane	9.04	93	93859	23.498	ug/l	97
47) Bromodichloromethane	9.36	83	219079	24.437	ug/l	92
48) Methyl methacrylate	9.10	41	82884	25.881	ug/l	99
49) 1,4-Dioxane	9.07	88	16794	475.445	ug/l #	89
51) 4-Methyl-2-Pentanone	10.28	43	439234	124.418	ug/l	98
52) Toluene	10.50	92	350606	24.556	ug/l	98
53) t-1,3-Dichloropropene	10.90	75	192136	23.589	ug/l	100
54) cis-1,3-Dichloropropene	10.03	75	237992	23.995	ug/l	95
55) 1,1,2-Trichloroethane	11.18	97	116401	23.311	ug/l	94
56) Ethyl methacrylate	11.03	69	124710	23.249	ug/l	96
57) 1,3-Dichloropropane	11.39	76	164813	22.456	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.84	63	299931	114.814	ug/l	99
59) 2-Hexanone	11.52	43	329584	128.853	ug/l	95
60) Dibromochloromethane	11.67	129	181243	23.545	ug/l	98
61) 1,2-Dibromoethane	11.79	107	142188	24.591	ug/l	95
64) Tetrachloroethene	11.25	164	148976	23.862	ug/l	95
65) Chlorobenzene	12.39	112	387649	23.844	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.50	131	170599	27.102	ug/l	97
67) Ethyl Benzene	12.51	91	656606	26.460	ug/l	96
68) m/p-Xylenes	12.65	106	490119	52.140	ug/l	96
69) o-Xylene	13.04	106	221906	24.327	ug/l	94
70) Styrene	13.06	104	382453	24.051	ug/l	95
71) Bromoform	13.22	173	93457	23.421	ug/l	97
73) Isopropylbenzene	13.39	105	649929	23.979	ug/l	99
74) N-amyl acetate	13.25	43	172142	22.799	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.69	83	132602	23.191	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	135102	24.016	ug/l	99
77) Bromobenzene	13.66	156	187913	23.386	ug/l	97
78) n-propylbenzene	13.77	91	782442	23.589	ug/l	99
79) 2-Chlorotoluene	13.83	91	427386	23.730	ug/l	98
80) 1,3,5-Trimethylbenzene	13.92	105	518973	24.678	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.46	75	39513	23.036	ug/l	96
82) 4-Chlorotoluene	13.93	91	496614	25.359	ug/l	87
83) tert-Butylbenzene	14.18	119	588659	22.398	ug/l	98
84) 1,2,4-Trimethylbenzene	14.23	105	549659	24.142	ug/l	99
85) sec-Butylbenzene	14.36	105	645477	23.119	ug/l	99
86) p-Isopropyltoluene	14.48	119	605675	25.654	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	318899	23.436	ug/l	97
88) 1,4-Dichlorobenzene	14.52	146	320037	24.118	ug/l	95
89) n-Butylbenzene	14.79	91	489920	22.609	ug/l	99
90) Hexachloroethane	15.00	117	161061	24.147	ug/l	75
91) 1,2-Dichlorobenzene	14.80	146	259956	23.291	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.37	75	15214	22.687	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	121001	23.799	ug/l	99
94) Hexachlorobutadiene	16.03	225	97952	24.654	ug/l	96
95) Naphthalene	16.12	128	209286	27.005	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	63976	28.595	ug/l	92

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

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