

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061594.D
 Acq On : 4 Apr 2019 22:18
 Operator : VA/AP
 Sample : VD0404SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0404SBS01

Quant Time: Apr 05 01:41:13 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	7.01	168	453762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	724979	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	625019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	325905	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	257632	66.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.92%	
35) Dibromofluoromethane	6.89	113	351703	63.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.96%	
50) Toluene-d8	10.38	98	878275	66.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.20%	
62) 4-Bromofluorobenzene	13.54	95	363711	71.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	111640	23.038	ug/l	97
3) Chloromethane	1.75	50	87719	22.195	ug/l	100
4) Vinyl Chloride	1.84	62	79970	22.038	ug/l	96
5) Bromomethane	2.14	94	16468	22.886	ug/l #	91
6) Chloroethane	2.25	64	24539	23.060	ug/l	93
7) Trichlorofluoromethane	2.51	101	131269	24.877	ug/l	99
8) Diethyl Ether	2.86	74	36671	21.585	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.13	101	125882	22.190	ug/l	93
10) Methyl Iodide	3.29	142	150310	19.687	ug/l	99
11) Tert butyl alcohol	4.05	59	34695	143.725	ug/l #	93
12) 1,1-Dichloroethene	3.10	96	108596	22.297	ug/l	97
13) Acrolein	3.02	56	17325	78.475	ug/l	97
14) Allyl chloride	3.60	41	148017	21.789	ug/l	96
15) Acrylonitrile	4.17	53	104724	124.992	ug/l	91
16) Acetone	3.20	43	116298	116.713	ug/l	94
17) Carbon Disulfide	3.36	76	309284	19.545	ug/l	97
18) Methyl Acetate	3.62	43	54984	26.244	ug/l	96
19) Methyl tert-butyl Ether	4.21	73	217213	25.764	ug/l	98
20) Methylene Chloride	3.79	84	166741	29.067	ug/l	97
21) trans-1,2-Dichloroethene	4.20	96	116456	22.147	ug/l	94
22) Diisopropyl ether	5.08	45	343321	23.882	ug/l	99
23) Vinyl Acetate	5.02	43	973234	124.634	ug/l	97
24) 1,1-Dichloroethane	4.96	63	202442	23.962	ug/l	99
25) 2-Butanone	6.04	43	160146	127.765	ug/l	100
26) 2,2-Dichloropropane	5.99	77	160078	23.835	ug/l	98
27) cis-1,2-Dichloroethene	6.01	96	139080	24.140	ug/l	94
28) Bromochloromethane	6.41	49	83576	24.507	ug/l #	91
29) Tetrahydrofuran	6.42	42	84160	138.527	ug/l	99
30) Chloroform	6.64	83	223554	25.609	ug/l	96
31) Cyclohexane	6.92	56	142127	21.289	ug/l	97
32) 1,1,1-Trichloroethane	6.85	97	189971	24.667	ug/l	96
36) 1,1-Dichloropropene	7.12	75	159752	25.248	ug/l	97
37) Ethyl Acetate	6.15	43	78205	28.900	ug/l	95
38) Carbon Tetrachloride	7.08	117	196799	27.067	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.83	83	162516	24.661	ug/l	97
40) Benzene	7.43	78	391473	24.652	ug/l	96
41) Methacrylonitrile	6.41	41	97016	30.662	ug/l	99
42) 1,2-Dichloroethane	7.54	62	139934	29.459	ug/l	95
43) Isopropyl Acetate	9.21	43	110796	28.140	ug/l	98
44) Trichloroethene	8.52	130	139922	23.677	ug/l	91
45) 1,2-Dichloropropane	8.91	63	102783	25.525	ug/l	94
46) Dibromomethane	9.03	93	75494	27.855	ug/l	90
47) Bromodichloromethane	9.35	83	169774	27.909	ug/l	97
48) Methyl methacrylate	9.09	41	62641	28.828	ug/l	94
49) 1,4-Dioxane	9.05	88	13032	543.736	ug/l #	89
51) 4-Methyl-2-Pentanone	10.27	43	345522	144.242	ug/l	95
52) Toluene	10.48	92	239068	24.677	ug/l	97
53) t-1,3-Dichloropropene	10.88	75	152668	27.623	ug/l	99
54) cis-1,3-Dichloropropene	10.02	75	164735	24.478	ug/l	97
55) 1,1,2-Trichloroethane	11.17	97	91568	27.026	ug/l	97
56) Ethyl methacrylate	11.02	69	100099	27.501	ug/l	95
57) 1,3-Dichloropropane	11.38	76	142524	28.620	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.83	63	225348	127.133	ug/l	98
59) 2-Hexanone	11.51	43	260919	150.337	ug/l	98
60) Dibromochloromethane	11.66	129	149257	28.576	ug/l	100
61) 1,2-Dibromoethane	11.78	107	116637	29.729	ug/l	96
64) Tetrachloroethene	11.23	164	119576	24.377	ug/l	97
65) Chlorobenzene	12.38	112	317363	24.846	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.50	131	136829	27.666	ug/l	98
67) Ethyl Benzene	12.51	91	539756	27.684	ug/l	98
68) m/p-Xylenes	12.64	106	380332	51.497	ug/l	92
69) o-Xylene	13.03	106	173875	24.261	ug/l	97
70) Styrene	13.06	104	313671	25.107	ug/l	97
71) Bromoform	13.21	173	82331	26.261	ug/l #	97
73) Isopropylbenzene	13.38	105	528232	23.288	ug/l	96
74) N-amyl acetate	13.25	43	139995	22.156	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.69	83	111921	23.390	ug/l	97
76) 1,2,3-Trichloropropane	13.72	75	115279	24.487	ug/l	100
77) Bromobenzene	13.66	156	140537	20.899	ug/l	85
78) n-propylbenzene	13.76	91	625255	22.525	ug/l	95
79) 2-Chlorotoluene	13.83	91	347839	23.078	ug/l	95
80) 1,3,5-Trimethylbenzene	13.91	105	446361	25.363	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.46	75	34259	23.867	ug/l	97
82) 4-Chlorotoluene	13.93	91	444485	27.122	ug/l	95
83) tert-Butylbenzene	14.18	119	508538	23.122	ug/l	92
84) 1,2,4-Trimethylbenzene	14.22	105	402713	21.136	ug/l	97
85) sec-Butylbenzene	14.36	105	481130	20.592	ug/l	96
86) p-Isopropyltoluene	14.47	119	481805	24.386	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	239757	21.055	ug/l	93
88) 1,4-Dichlorobenzene	14.52	146	251860	22.680	ug/l	99
89) n-Butylbenzene	14.78	91	354775	19.564	ug/l	96
90) Hexachloroethane	15.00	117	108416	19.423	ug/l	91
91) 1,2-Dichlorobenzene	14.80	146	199553	21.365	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	15.37	75	14774	26.326	ug/l	71

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	102155	24.009	ug/l	97
94) Hexachlorobutadiene	16.02	225	85018	25.571	ug/l	95
95) Naphthalene	16.11	128	190856	29.428	ug/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	60145	32.123	ug/l	97

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

