

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032119\
 Data File : VD061240.D
 Acq On : 21 Mar 2019 13:09
 Operator : VA/AP
 Sample : VD0321SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0321SBS01

Quant Time: Mar 22 04:29:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	634164	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	1097046	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	860044	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	392490	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.47	65	261224	49.49	ug/l	0.03
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	6.94	113	405680	49.83	ug/l	0.02
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	10.42	98	976031	47.74	ug/l	0.03
Spiked Amount	50.000		Recovery	=	95.48%	
62) 4-Bromofluorobenzene	13.57	95	395343	49.84	ug/l	0.02
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	123084	19.594	ug/l	98
3) Chloromethane	1.76	50	102792	19.643	ug/l	96
4) Vinyl Chloride	1.86	62	99817	20.643	ug/l	94
5) Bromomethane	2.17	94	18813	19.195	ug/l	85
6) Chloroethane	2.27	64	29151	20.141	ug/l	94
7) Trichlorofluoromethane	2.54	101	140520	20.230	ug/l	94
8) Diethyl Ether	2.89	74	51852	22.628	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.17	101	158657	20.430	ug/l	99
10) Methyl Iodide	3.33	142	200205	20.555	ug/l	98
11) Tert butyl alcohol	4.08	59	36839	109.623	ug/l #	91
12) 1,1-Dichloroethene	3.14	96	127667	20.055	ug/l	97
13) Acrolein	3.05	56	27136	55.808	ug/l	85
14) Allyl chloride	3.63	41	193015	18.951	ug/l	97
15) Acrylonitrile	4.21	53	127345	107.219	ug/l	98
16) Acetone	3.24	43	153177	101.476	ug/l	96
17) Carbon Disulfide	3.40	76	391928	18.252	ug/l	98
18) Methyl Acetate	3.65	43	55829	18.794	ug/l	97
19) Methyl tert-butyl Ether	4.26	73	252779	22.659	ug/l	98
20) Methylene Chloride	3.83	84	183754	24.301	ug/l	93
21) trans-1,2-Dichloroethene	4.24	96	147261	21.373	ug/l	92
22) Diisopropyl ether	5.14	45	413475	19.556	ug/l	99
23) Vinyl Acetate	5.08	43	1178713	108.599	ug/l	99
24) 1,1-Dichloroethane	5.00	63	246081	21.242	ug/l	98
25) 2-Butanone	6.08	43	200523	117.070	ug/l	96
26) 2,2-Dichloropropane	6.04	77	205465	22.720	ug/l	96
27) cis-1,2-Dichloroethene	6.05	96	167267	22.881	ug/l	97
28) Bromochloromethane	6.46	49	81794	16.678	ug/l	84
29) Tetrahydrofuran	6.47	42	94098	101.172	ug/l	96
30) Chloroform	6.67	83	258054	21.493	ug/l	100
31) Cyclohexane	6.97	56	187192	20.040	ug/l	96
32) 1,1,1-Trichloroethane	6.89	97	226993	21.868	ug/l	97
36) 1,1-Dichloropropene	7.17	75	194976	20.618	ug/l	99
37) Ethyl Acetate	6.20	43	85833	19.342	ug/l	98
38) Carbon Tetrachloride	7.13	117	213706	20.516	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	200483	20.446	ug/l	99
40) Benzene	7.47	78	480940	20.354	ug/l	99
41) Methacrylonitrile	6.47	41	104090	20.393	ug/l	95
42) 1,2-Dichloroethane	7.59	62	152182	22.193	ug/l	99
43) Isopropyl Acetate	9.25	43	122488	19.929	ug/l #	97
44) Trichloroethene	8.55	130	176676	21.673	ug/l	100
45) 1,2-Dichloropropane	8.95	63	131374	21.162	ug/l	96
46) Dibromomethane	9.08	93	88653	22.513	ug/l	99
47) Bromodichloromethane	9.38	83	184238	20.733	ug/l	98
48) Methyl methacrylate	9.14	41	74045	21.397	ug/l	98
49) 1,4-Dioxane	9.09	88	16159	461.791	ug/l #	86
51) 4-Methyl-2-Pentanone	10.31	43	424239	112.671	ug/l	96
52) Toluene	10.52	92	293776	19.994	ug/l	99
53) t-1,3-Dichloropropene	10.93	75	171752	21.138	ug/l	98
54) cis-1,3-Dichloropropene	10.05	75	201057	20.594	ug/l	97
55) 1,1,2-Trichloroethane	11.20	97	104187	21.292	ug/l	98
56) Ethyl methacrylate	11.05	69	108063	21.099	ug/l	97
57) 1,3-Dichloropropane	11.42	76	156181	21.358	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	270669	99.838	ug/l	98
59) 2-Hexanone	11.54	43	290603	105.509	ug/l	96
60) Dibromochloromethane	11.69	129	160442	22.279	ug/l	96
61) 1,2-Dibromoethane	11.81	107	122644	21.546	ug/l	98
64) Tetrachloroethene	11.26	164	133930	23.069	ug/l	93
65) Chlorobenzene	12.40	112	396992	23.546	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	141840	23.601	ug/l	98
67) Ethyl Benzene	12.53	91	543937	21.670	ug/l	99
68) m/p-Xylenes	12.67	106	478247	48.543	ug/l	100
69) o-Xylene	13.05	106	212396	21.932	ug/l	95
70) Styrene	13.08	104	350030	22.135	ug/l	96
71) Bromoform	13.24	173	90241	23.276	ug/l	99
73) Isopropylbenzene	13.41	105	530163	18.743	ug/l	98
74) N-amyl acetate	13.27	43	163825	20.569	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	115713	20.967	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	124451	22.040	ug/l	98
77) Bromobenzene	13.67	156	147805	20.470	ug/l	92
78) n-propylbenzene	13.78	91	641609	19.376	ug/l	97
79) 2-Chlorotoluene	13.84	91	380318	20.861	ug/l	97
80) 1,3,5-Trimethylbenzene	14.24	105	479729	22.340	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.48	75	33352	20.034	ug/l	96
82) 4-Chlorotoluene	13.95	91	429117	19.911	ug/l	97
83) tert-Butylbenzene	14.20	119	582244	24.776	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	479729	22.340	ug/l	97
85) sec-Butylbenzene	14.37	105	637374	22.216	ug/l	97
86) p-Isopropyltoluene	14.50	119	458104	19.535	ug/l	96
87) 1,3-Dichlorobenzene	14.46	146	277251	21.503	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	288352	22.758	ug/l	97
89) n-Butylbenzene	14.81	91	496453	22.045	ug/l	95
90) Hexachloroethane	15.01	117	140589	21.231	ug/l	86
91) 1,2-Dichlorobenzene	14.82	146	249462	23.209	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.39	75	14129	21.246	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	107366	21.532	ug/l	97
94) Hexachlorobutadiene	16.05	225	82247	21.807	ug/l	95
95) Naphthalene	16.12	128	171002	22.568	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	44248	17.967	ug/l	95

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

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