

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063309.D
 Acq On : 2 Aug 2019 11:50
 Operator : VA/AP
 Sample : VD0802SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBS01

Quant Time: Aug 04 03:36:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	1110957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1487632	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	1269773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	674062	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	624162	50.63	ug/l	0.00
Spiked Amount			Recovery	=	101.26%	
35) Dibromofluoromethane	6.90	113	694119	54.65	ug/l	0.00
Spiked Amount			Recovery	=	109.30%	
50) Toluene-d8	10.40	98	1470284	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	13.55	95	673000	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	285052	20.991	ug/l	93
3) Chloromethane	1.74	50	231690	21.959	ug/l	91
4) Vinyl Chloride	1.84	62	215026	19.687	ug/l	99
5) Bromomethane	2.14	94	88623	16.088	ug/l	97
6) Chloroethane	2.24	64	90191	17.885	ug/l #	88
7) Trichlorofluoromethane	2.51	101	421882	19.910	ug/l	98
8) Diethyl Ether	2.85	74	56234	18.962	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.13	101	228938	19.505	ug/l	96
10) Methyl Iodide	3.29	142	295199	17.409	ug/l	93
11) Tert butyl alcohol	4.07	59	47658	88.097	ug/l	97
12) 1,1-Dichloroethene	3.10	96	169734	19.698	ug/l	85
13) Acrolein	3.02	56	44726	85.906	ug/l	89
14) Allyl chloride	3.60	41	264133	19.242	ug/l	94
15) Acrylonitrile	4.18	53	130964	93.378	ug/l	98
16) Acetone	3.21	43	217117	90.397	ug/l	99
17) Carbon Disulfide	3.36	76	556680	19.301	ug/l	99
18) Methyl Acetate	3.62	43	85782	18.594	ug/l	99
19) Methyl tert-butyl Ether	4.22	73	385281	19.794	ug/l	97
20) Methylene Chloride	3.79	84	191017	19.675	ug/l	93
21) trans-1,2-Dichloroethene	4.19	96	194904	20.158	ug/l	97
22) Diisopropyl ether	5.10	45	549306	20.029	ug/l	95
23) Vinyl Acetate	5.03	43	1617329	95.936	ug/l	98
24) 1,1-Dichloroethane	4.96	63	368337	21.026	ug/l	100
25) 2-Butanone	6.05	43	224811	93.266	ug/l	98
26) 2,2-Dichloropropane	6.00	77	359130	19.893	ug/l	94
27) cis-1,2-Dichloroethene	6.01	96	199677	19.262	ug/l	89
28) Bromochloromethane	6.42	49	131658	18.863	ug/l #	93
29) Tetrahydrofuran	6.45	42	102520	89.835	ug/l	97
30) Chloroform	6.64	83	430255	19.791	ug/l	98
31) Cyclohexane	6.93	56	208312	18.971	ug/l	98
32) 1,1,1-Trichloroethane	6.85	97	426451	20.280	ug/l	91
36) 1,1-Dichloropropene	7.13	75	285520	21.030	ug/l	92
37) Ethyl Acetate	6.16	43	120514	19.758	ug/l #	83
38) Carbon Tetrachloride	7.09	117	409284	20.025	ug/l	97

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39) Methylcyclohexane	8.85	83	235457	20.816	ug/l	97
40) Benzene	7.43	78	602836	21.186	ug/l	96
41) Methacrylonitrile	6.43	41	135747	18.605	ug/l #	74
42) 1,2-Dichloroethane	7.56	62	288628	19.140	ug/l	96
43) Isopropyl Acetate	9.22	43	149185	19.148	ug/l #	95
44) Trichloroethene	8.52	130	233234	20.229	ug/l	99
45) 1,2-Dichloropropane	8.92	63	141093	19.509	ug/l	94
46) Dibromomethane	9.05	93	118026	19.627	ug/l	95
47) Bromodichloromethane	9.36	83	310707	20.269	ug/l	98
48) Methyl methacrylate	9.11	41	100980	19.984	ug/l	89
49) 1,4-Dioxane	9.08	88	17256	400.655	ug/l #	88
51) 4-Methyl-2-Pentanone	10.29	43	549406	103.686	ug/l	99
52) Toluene	10.49	92	388535	20.531	ug/l	96
53) t-1,3-Dichloropropene	10.90	75	272435	20.615	ug/l	95
54) cis-1,3-Dichloropropene	10.02	75	282268	20.323	ug/l	94
55) 1,1,2-Trichloroethane	11.17	97	132133	20.673	ug/l #	93
56) Ethyl methacrylate	11.03	69	143774	20.542	ug/l	92
57) 1,3-Dichloropropane	11.40	76	203104	20.168	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.84	63	399187	109.612	ug/l	98
59) 2-Hexanone	11.52	43	386748	101.283	ug/l	98
60) Dibromochloromethane	11.67	129	246076	20.394	ug/l	100
61) 1,2-Dibromoethane	11.79	107	161826	20.519	ug/l	97
64) Tetrachloroethene	11.24	164	207773	20.539	ug/l	97
65) Chlorobenzene	12.38	112	500230	20.482	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.50	131	218029	20.266	ug/l	94
67) Ethyl Benzene	12.51	91	804483	19.390	ug/l	100
68) m/p-Xylenes	12.66	106	630137	41.414	ug/l	95
69) o-Xylene	13.04	106	296844	21.245	ug/l	90
70) Styrene	13.06	104	511158	20.628	ug/l	99
71) Bromoform	13.23	173	138604	17.716	ug/l	100
73) Isopropylbenzene	13.40	105	853396	20.172	ug/l	99
74) N-amyl acetate	13.26	43	201593	18.025	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.69	83	149467	20.799	ug/l	95
76) 1,2,3-Trichloropropane	13.72	75	158165	19.535	ug/l	96
77) Bromobenzene	13.66	156	239826	19.900	ug/l	87
78) n-propylbenzene	13.76	91	1027311	20.405	ug/l	99
79) 2-Chlorotoluene	13.83	91	601650	20.624	ug/l	96
80) 1,3,5-Trimethylbenzene	13.93	105	770285	21.110	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.47	75	38149	16.969	ug/l	87
82) 4-Chlorotoluene	13.94	91	733674	21.370	ug/l	97
83) tert-Butylbenzene	14.19	119	823739	19.771	ug/l	94
84) 1,2,4-Trimethylbenzene	14.23	105	737382	19.537	ug/l	97
85) sec-Butylbenzene	14.36	105	924073	21.051	ug/l	98
86) p-Isopropyltoluene	14.48	119	874513	20.873	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	412993	19.351	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	404630	18.748	ug/l	97
89) n-Butylbenzene	14.80	91	745566	20.604	ug/l	100
90) Hexachloroethane	15.00	117	217640	19.939	ug/l	85
91) 1,2-Dichlorobenzene	14.81	146	370473	19.923	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	15.38	75	24286	16.591	ug/l	77

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93) 1,2,4-Trichlorobenzene	15.94	180	253706	17.198	ug/l	98
94) Hexachlorobutadiene	16.03	225	210182	19.661	ug/l	94
95) Naphthalene	16.11	128	374116	17.943	ug/l	96
96) 1,2,3-Trichlorobenzene	16.26	180	220014	18.879	ug/l	94

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

