

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080719\
 Data File : VD063418.D
 Acq On : 7 Aug 2019 12:20
 Operator : JC/SY
 Sample : VD0807SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Quant Time: Aug 08 08:05:27 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	7.06	168	967195	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1329931	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1078225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	627005	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	601751	56.07	ug/l	0.02
Spiked Amount			Recovery	=	112.14%	
35) Dibromofluoromethane	6.94	113	630271	55.51	ug/l	0.03
Spiked Amount			Recovery	=	111.02%	
50) Toluene-d8	10.41	98	1342063	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	13.56	95	596484	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	257257	21.760	ug/l	96
3) Chloromethane	1.75	50	195079	21.238	ug/l #	86
4) Vinyl Chloride	1.85	62	205559	21.617	ug/l	91
5) Bromomethane	2.15	94	86442	18.024	ug/l	97
6) Chloroethane	2.25	64	83782	19.084	ug/l	99
7) Trichlorofluoromethane	2.53	101	394209	21.369	ug/l	92
8) Diethyl Ether	2.87	74	54363	21.056	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.15	101	218897	21.421	ug/l	93
10) Methyl Iodide	3.30	142	275984	18.695	ug/l	98
11) Tert butyl alcohol	4.09	59	47712	101.306	ug/l	98
12) 1,1-Dichloroethene	3.13	96	175693	23.420	ug/l	82
13) Acrolein	3.04	56	31492	69.478	ug/l	93
14) Allyl chloride	3.62	41	253447	21.207	ug/l	89
15) Acrylonitrile	4.21	53	126655	103.728	ug/l	93
16) Acetone	3.23	43	218537	104.513	ug/l	94
17) Carbon Disulfide	3.37	76	497627	19.818	ug/l	96
18) Methyl Acetate	3.65	43	91467	22.773	ug/l	98
19) Methyl tert-butyl Ether	4.25	73	355431	20.975	ug/l	94
20) Methylene Chloride	3.82	84	170498	20.172	ug/l	93
21) trans-1,2-Dichloroethene	4.22	96	178003	21.147	ug/l	95
22) Diisopropyl ether	5.13	45	503705	21.096	ug/l	97
23) Vinyl Acetate	5.07	43	1520844	103.621	ug/l	100
24) 1,1-Dichloroethane	4.99	63	338482	22.194	ug/l	94
25) 2-Butanone	6.08	43	228088	108.691	ug/l	97
26) 2,2-Dichloropropane	6.03	77	344349	21.909	ug/l	97
27) cis-1,2-Dichloroethene	6.04	96	194325	21.532	ug/l	99
28) Bromochloromethane	6.45	49	134966	22.211	ug/l #	100
29) Tetrahydrofuran	6.46	42	107948	108.651	ug/l	98
30) Chloroform	6.67	83	394933	20.866	ug/l	96
31) Cyclohexane	6.96	56	190174	19.894	ug/l #	83
32) 1,1,1-Trichloroethane	6.88	97	404406	22.090	ug/l	97
36) 1,1-Dichloropropene	7.15	75	268142	22.092	ug/l	94
37) Ethyl Acetate	6.19	43	118899	21.805	ug/l #	94
38) Carbon Tetrachloride	7.11	117	390324	21.362	ug/l	96

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39) Methylcyclohexane	8.88	83	201452	19.921	ug/l	90
40) Benzene	7.46	78	561325	22.067	ug/l	100
41) Methacrylonitrile	6.46	41	138132	21.177	ug/l #	80
42) 1,2-Dichloroethane	7.59	62	277031	20.549	ug/l	97
43) Isopropyl Acetate	9.25	43	143788	20.643	ug/l #	95
44) Trichloroethene	8.54	130	219514	21.296	ug/l	93
45) 1,2-Dichloropropane	8.95	63	135455	20.950	ug/l	97
46) Dibromomethane	9.07	93	117447	21.846	ug/l	87
47) Bromodichloromethane	9.39	83	294664	21.502	ug/l	100
48) Methyl methacrylate	9.13	41	101266	22.416	ug/l	87
49) 1,4-Dioxane	9.08	88	17417	452.878	ug/l #	75
51) 4-Methyl-2-Pentanone	10.31	43	527001	111.251	ug/l	100
52) Toluene	10.52	92	344882	20.385	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	250834	21.231	ug/l	91
54) cis-1,3-Dichloropropene	10.05	75	265187	21.357	ug/l	97
55) 1,1,2-Trichloroethane	11.20	97	126112	22.071	ug/l	96
56) Ethyl methacrylate	11.05	69	136772	21.859	ug/l	94
57) 1,3-Dichloropropane	11.42	76	186433	20.708	ug/l #	86
58) 2-Chloroethyl Vinyl ether	9.86	63	339787	104.365	ug/l	99
59) 2-Hexanone	11.53	43	392375	114.941	ug/l	95
60) Dibromochloromethane	11.69	129	230690	21.386	ug/l	98
61) 1,2-Dibromoethane	11.81	107	144019	20.426	ug/l	92
64) Tetrachloroethene	11.27	164	196926	22.926	ug/l	93
65) Chlorobenzene	12.40	112	442829	21.352	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.52	131	204841	22.423	ug/l	99
67) Ethyl Benzene	12.53	91	821232	23.310	ug/l	98
68) m/p-Xylenes	12.67	106	558787	43.249	ug/l	92
69) o-Xylene	13.05	106	253562	21.371	ug/l	96
70) Styrene	13.08	104	451111	21.439	ug/l	99
71) Bromoform	13.24	173	150555	22.662	ug/l #	98
73) Isopropylbenzene	13.41	105	818290	20.794	ug/l	99
74) N-amyl acetate	13.27	43	216190	20.781	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	149117	22.307	ug/l	94
76) 1,2,3-Trichloropropane	13.74	75	154386	20.500	ug/l	98
77) Bromobenzene	13.67	156	231694	20.668	ug/l	92
78) n-propylbenzene	13.78	91	1000116	21.356	ug/l	98
79) 2-Chlorotoluene	13.85	91	542319	19.986	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	725536	21.376	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	41916	20.044	ug/l	94
82) 4-Chlorotoluene	13.95	91	681366	21.336	ug/l	90
83) tert-Butylbenzene	14.19	119	812984	20.978	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	695073	19.799	ug/l	100
85) sec-Butylbenzene	14.37	105	846918	20.742	ug/l	100
86) p-Isopropyltoluene	14.50	119	809468	20.771	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	350967	17.678	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	395504	19.701	ug/l	97
89) n-Butylbenzene	14.80	91	691090	20.532	ug/l	99
90) Hexachloroethane	15.01	117	204024	20.094	ug/l	98
91) 1,2-Dichlorobenzene	14.81	146	349520	20.207	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	15.38	75	26557	19.504	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	283476	20.658	ug/l	97
94) Hexachlorobutadiene	16.04	225	207532	20.870	ug/l	96
95) Naphthalene	16.13	128	395093	20.371	ug/l	97
96) 1,2,3-Trichlorobenzene	16.27	180	214437	19.781	ug/l	94

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

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