

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080319\
 Data File : VD063356.D
 Acq On : 3 Aug 2019 12:52
 Operator : VA/AP
 Sample : VD0803SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0803SBS01

Quant Time: Aug 04 06:06:23 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	7.04	168	1077931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1432952	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1230858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	647329	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	602380	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
35) Dibromofluoromethane	6.92	113	685052	55.99	ug/l	0.01
Spiked Amount			Recovery	=	111.98%	
50) Toluene-d8	10.41	98	1440685	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	13.56	95	602867	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	275503	20.909	ug/l	98
3) Chloromethane	1.74	50	221946	21.680	ug/l	92
4) Vinyl Chloride	1.84	62	219351	20.698	ug/l	99
5) Bromomethane	2.15	94	80854	15.127	ug/l	98
6) Chloroethane	2.25	64	87162	17.814	ug/l #	87
7) Trichlorofluoromethane	2.52	101	417762	20.319	ug/l	92
8) Diethyl Ether	2.86	74	52509	18.249	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	3.14	101	241287	21.186	ug/l	98
10) Methyl Iodide	3.30	142	290102	17.633	ug/l #	93
11) Tert butyl alcohol	4.09	59	48006	91.459	ug/l #	79
12) 1,1-Dichloroethene	3.11	96	181865	21.752	ug/l	94
13) Acrolein	3.02	56	37802	74.832	ug/l	99
14) Allyl chloride	3.61	41	262322	19.695	ug/l	85
15) Acrylonitrile	4.19	53	147301	108.244	ug/l	96
16) Acetone	3.22	43	237478	101.904	ug/l	100
17) Carbon Disulfide	3.36	76	568442	20.313	ug/l	99
18) Methyl Acetate	3.63	43	96542	21.567	ug/l	99
19) Methyl tert-butyl Ether	4.23	73	398224	21.086	ug/l	98
20) Methylene Chloride	3.80	84	196908	20.904	ug/l	95
21) trans-1,2-Dichloroethene	4.20	96	205527	21.908	ug/l	91
22) Diisopropyl ether	5.12	45	537181	20.187	ug/l	97
23) Vinyl Acetate	5.05	43	1662165	101.616	ug/l	100
24) 1,1-Dichloroethane	4.98	63	339680	19.984	ug/l	99
25) 2-Butanone	6.06	43	245235	104.857	ug/l	97
26) 2,2-Dichloropropane	6.00	77	346291	19.770	ug/l	99
27) cis-1,2-Dichloroethene	6.02	96	209536	20.833	ug/l	93
28) Bromochloromethane	6.43	49	135736	20.043	ug/l #	89
29) Tetrahydrofuran	6.45	42	119997	108.371	ug/l	98
30) Chloroform	6.65	83	429140	20.344	ug/l	92
31) Cyclohexane	6.94	56	218253	20.485	ug/l	97
32) 1,1,1-Trichloroethane	6.86	97	417842	20.479	ug/l	98
36) 1,1-Dichloropropene	7.14	75	290283	22.197	ug/l	99
37) Ethyl Acetate	6.17	43	125654	21.387	ug/l	95
38) Carbon Tetrachloride	7.11	117	400179	20.326	ug/l	97

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39) Methylcyclohexane	8.86	83	236042	21.664	ug/l	92
40) Benzene	7.44	78	600690	21.917	ug/l	99
41) Methacrylonitrile	6.45	41	150660	21.437	ug/l #	84
42) 1,2-Dichloroethane	7.57	62	285643	19.665	ug/l	100
43) Isopropyl Acetate	9.23	43	171647	22.871	ug/l #	97
44) Trichloroethene	8.53	130	234493	21.114	ug/l	99
45) 1,2-Dichloropropane	8.94	63	147797	21.216	ug/l	95
46) Dibromomethane	9.06	93	124754	21.537	ug/l	95
47) Bromodichloromethane	9.37	83	310546	21.032	ug/l	98
48) Methyl methacrylate	9.12	41	113511	23.321	ug/l	88
49) 1,4-Dioxane	9.09	88	20598	497.489	ug/l #	77
51) 4-Methyl-2-Pentanone	10.30	43	577638	113.174	ug/l	98
52) Toluene	10.50	92	389797	21.383	ug/l	91
53) t-1,3-Dichloropropene	10.91	75	262561	20.625	ug/l	93
54) cis-1,3-Dichloropropene	10.03	75	285717	21.356	ug/l	96
55) 1,1,2-Trichloroethane	11.18	97	135041	21.934	ug/l	94
56) Ethyl methacrylate	11.04	69	132867	19.708	ug/l	89
57) 1,3-Dichloropropane	11.41	76	202297	20.855	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.85	63	361006	102.911	ug/l	99
59) 2-Hexanone	11.53	43	419855	114.149	ug/l	99
60) Dibromochloromethane	11.69	129	246349	21.196	ug/l	98
61) 1,2-Dibromoethane	11.80	107	161875	21.308	ug/l	93
64) Tetrachloroethene	11.25	164	204372	20.842	ug/l	94
65) Chlorobenzene	12.39	112	485617	20.512	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.51	131	210740	20.208	ug/l	96
67) Ethyl Benzene	12.52	91	846515	21.048	ug/l	100
68) m/p-Xylenes	12.66	106	581309	39.413	ug/l	96
69) o-Xylene	13.04	106	287998	21.263	ug/l	91
70) Styrene	13.06	104	504734	21.013	ug/l	97
71) Bromoform	13.23	173	146954	19.377	ug/l #	99
73) Isopropylbenzene	13.40	105	906106	22.302	ug/l	100
74) N-amyl acetate	13.26	43	233294	21.721	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.69	83	160509	23.258	ug/l	93
76) 1,2,3-Trichloropropane	13.73	75	155479	19.997	ug/l	98
77) Bromobenzene	13.66	156	242948	20.991	ug/l	93
78) n-propylbenzene	13.77	91	1042629	21.565	ug/l	98
79) 2-Chlorotoluene	13.84	91	624762	22.301	ug/l	97
80) 1,3,5-Trimethylbenzene	13.93	105	766136	21.864	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	42844	19.844	ug/l	91
82) 4-Chlorotoluene	13.94	91	742234	22.513	ug/l	93
83) tert-Butylbenzene	14.19	119	856538	21.408	ug/l	95
84) 1,2,4-Trimethylbenzene	14.23	105	747009	20.610	ug/l	99
85) sec-Butylbenzene	14.36	105	830933	19.711	ug/l	99
86) p-Isopropyltoluene	14.49	119	841280	20.909	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	421170	20.549	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	420757	20.301	ug/l	95
89) n-Butylbenzene	14.80	91	760776	21.893	ug/l	98
90) Hexachloroethane	15.00	117	214971	20.507	ug/l	96
91) 1,2-Dichlorobenzene	14.81	146	365755	20.481	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	29771	21.178	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	280852	19.825	ug/l	95
94) Hexachlorobutadiene	16.04	225	200792	19.558	ug/l	98
95) Naphthalene	16.12	128	396411	19.797	ug/l	97
96) 1,2,3-Trichlorobenzene	16.26	180	210422	18.802	ug/l	96

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

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