

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063754.D
 Acq On : 23 Aug 2019 9:24
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 26 01:02:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1009448	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1414923	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1176051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	634342	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	559998	51.90	ug/l	-0.02
Spiked Amount			Recovery	=	103.80%	
35) Dibromofluoromethane	6.93	113	619803	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
50) Toluene-d8	10.41	98	1463781	55.87	ug/l	0.00
Spiked Amount			Recovery	=	111.74%	
62) 4-Bromofluorobenzene	13.55	95	585230	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	546173	44.722	ug/l	98
3) Chloromethane	1.75	50	425332	44.576	ug/l	99
4) Vinyl Chloride	1.85	62	450667	47.578	ug/l	98
5) Bromomethane	2.15	94	200078	44.765	ug/l	97
6) Chloroethane	2.26	64	220070	50.805	ug/l	97
7) Trichlorofluoromethane	2.53	101	1001630	53.910	ug/l	97
8) Diethyl Ether	2.87	74	121187	46.197	ug/l	75
9) 1,1,2-Trichlorotrifluoroet	3.15	101	565901	51.582	ug/l	97
10) Methyl Iodide	3.30	142	689979	44.449	ug/l	96
11) Tert butyl alcohol	4.07	59	118012	251.239	ug/l #	94
12) 1,1-Dichloroethene	3.12	96	386513	47.386	ug/l	88
13) Acrolein	3.03	56	85991	185.986	ug/l	93
14) Allyl chloride	3.62	41	627117	51.143	ug/l	97
15) Acrylonitrile	4.19	53	311740	250.559	ug/l	96
16) Acetone	3.22	43	661999	301.809	ug/l	94
17) Carbon Disulfide	3.36	76	1140577	44.306	ug/l	98
18) Methyl Acetate	3.64	43	202858	48.827	ug/l	97
19) Methyl tert-butyl Ether	4.24	73	898117	55.057	ug/l	98
20) Methylene Chloride	3.81	84	417679	44.037	ug/l	95
21) trans-1,2-Dichloroethene	4.22	96	431766	50.302	ug/l	97
22) Diisopropyl ether	5.13	45	1322380	52.262	ug/l	97
23) Vinyl Acetate	5.06	43	4036274	274.390	ug/l	99
24) 1,1-Dichloroethane	4.99	63	824604	52.544	ug/l	97
25) 2-Butanone	6.08	43	589226	271.994	ug/l	95
26) 2,2-Dichloropropane	6.02	77	854970	54.696	ug/l	99
27) cis-1,2-Dichloroethene	6.03	96	479026	51.008	ug/l	94
28) Bromochloromethane	6.44	49	353422	55.566	ug/l	94
29) Tetrahydrofuran	6.46	42	252569	250.205	ug/l	96
30) Chloroform	6.66	83	994176	50.965	ug/l	95
31) Cyclohexane	6.96	56	484489	49.728	ug/l	98
32) 1,1,1-Trichloroethane	6.87	97	944721	50.628	ug/l	99
36) 1,1-Dichloropropene	7.14	75	617975	49.405	ug/l	97
37) Ethyl Acetate	6.19	43	264501	50.465	ug/l	97
38) Carbon Tetrachloride	7.10	117	1035727	54.942	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	517231	48.629	ug/l	94
40) Benzene	7.46	78	1366897	49.658	ug/l	97
41) Methacrylonitrile	6.46	41	346223	52.463	ug/l #	98
42) 1,2-Dichloroethane	7.58	62	666031	48.121	ug/l	99
43) Isopropyl Acetate	9.24	43	374687	53.376	ug/l #	94
44) Trichloroethene	8.54	130	517586	49.195	ug/l	99
45) 1,2-Dichloropropane	8.94	63	350793	54.724	ug/l	100
46) Dibromomethane	9.06	93	290435	53.055	ug/l	97
47) Bromodichloromethane	9.38	83	776558	55.303	ug/l	97
48) Methyl methacrylate	9.12	41	250434	52.605	ug/l	95
49) 1,4-Dioxane	9.08	88	43498	1022.614	ug/l #	80
51) 4-Methyl-2-Pentanone	10.30	43	1283016	267.102	ug/l	98
52) Toluene	10.51	92	907259	51.172	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	649253	56.656	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	710688	55.000	ug/l	96
55) 1,1,2-Trichloroethane	11.19	97	320963	53.593	ug/l	95
56) Ethyl methacrylate	11.04	69	338344	52.050	ug/l	95
57) 1,3-Dichloropropane	11.41	76	479282	52.943	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	1002961	292.258	ug/l	97
59) 2-Hexanone	11.53	43	1033207	295.613	ug/l	99
60) Dibromochloromethane	11.68	129	585075	53.687	ug/l	98
61) 1,2-Dibromoethane	11.81	107	378703	52.234	ug/l	95
64) Tetrachloroethene	11.26	164	469740	51.740	ug/l	95
65) Chlorobenzene	12.40	112	1166096	52.903	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	523053	53.920	ug/l	95
67) Ethyl Benzene	12.52	91	1988941	51.896	ug/l	100
68) m/p-Xylenes	12.67	106	1360735	101.057	ug/l	94
69) o-Xylene	13.05	106	669400	51.653	ug/l	94
70) Styrene	13.07	104	1089355	47.256	ug/l	97
71) Bromoform	13.23	173	368436	55.390	ug/l #	98
73) Isopropylbenzene	13.41	105	1915105	47.465	ug/l	98
74) N-amyl acetate	13.27	43	526541	51.986	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	373854	55.824	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	370957	50.955	ug/l	96
77) Bromobenzene	13.67	156	581649	52.747	ug/l	87
78) n-propylbenzene	13.77	91	2358563	49.961	ug/l	95
79) 2-Chlorotoluene	13.84	91	1297035	47.651	ug/l	94
80) 1,3,5-Trimethylbenzene	13.93	105	1543768	43.791	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.47	75	101567	51.907	ug/l	93
82) 4-Chlorotoluene	13.95	91	1481795	45.272	ug/l	96
83) tert-Butylbenzene	14.19	119	2019055	54.388	ug/l	96
84) 1,2,4-Trimethylbenzene	14.23	105	1723237	52.830	ug/l	93
85) sec-Butylbenzene	14.37	105	2010629	51.000	ug/l	97
86) p-Isopropyltoluene	14.49	119	1986935	52.711	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	982000	49.233	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	945914	49.429	ug/l	97
89) n-Butylbenzene	14.79	91	1697361	49.337	ug/l	95
90) Hexachloroethane	15.01	117	538434	56.830	ug/l	84
91) 1,2-Dichlorobenzene	14.80	146	859054	50.763	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	63482	50.343	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.95	180	705409	56.649	ug/l	97
94) Hexachlorobutadiene	16.03	225	483575	50.955	ug/l	99
95) Naphthalene	16.12	128	928828	49.219	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	524405	52.141	ug/l	99

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

