

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063195.D
 Acq On : 29 Jul 2019 13:03
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Quant Time: Jul 30 02:23:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 02:15:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	913838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1351853	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1115153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	604098	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	909682	89.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.42%	
35) Dibromofluoromethane	6.91	113	951783	82.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	164.92%	
50) Toluene-d8	10.41	98	2175140	84.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	168.42%	
62) 4-Bromofluorobenzene	13.55	95	946527	80.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	160.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	839440	75.098	ug/l	96
3) Chloromethane	1.74	50	656766	75.652	ug/l	94
4) Vinyl Chloride	1.84	62	681392	75.841	ug/l	100
5) Bromomethane	2.14	94	304321	67.160	ug/l	96
6) Chloroethane	2.26	64	308226	74.306	ug/l	92
7) Trichlorofluoromethane	2.52	101	1343747	77.094	ug/l	99
8) Diethyl Ether	2.86	74	216755	88.857	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.14	101	754789	78.176	ug/l	98
10) Methyl Iodide	3.29	142	1219262	87.416	ug/l	95
11) Tert butyl alcohol	4.08	59	179815	401.815	ug/l #	88
12) 1,1-Dichloroethene	3.11	96	570628	80.506	ug/l	91
13) Acrolein	3.02	56	155968	364.191	ug/l	98
14) Allyl chloride	3.61	41	915206	81.019	ug/l	95
15) Acrylonitrile	4.19	53	505214	437.920	ug/l	99
16) Acetone	3.21	43	913797	462.530	ug/l	99
17) Carbon Disulfide	3.36	76	1931439	81.411	ug/l	97
18) Methyl Acetate	3.63	43	295466	77.859	ug/l #	91
19) Methyl tert-butyl Ether	4.24	73	1424225	88.953	ug/l	99
20) Methylene Chloride	3.80	84	616836	77.241	ug/l	95
21) trans-1,2-Dichloroethene	4.21	96	657402	82.660	ug/l	98
22) Diisopropyl ether	5.11	45	1876321	83.091	ug/l	99
23) Vinyl Acetate	5.04	43	5964339	430.102	ug/l	100
24) 1,1-Dichloroethane	4.97	63	1215242	84.334	ug/l	96
25) 2-Butanone	6.07	43	881525	444.601	ug/l	95
26) 2,2-Dichloropropane	6.01	77	1178143	79.337	ug/l	99
27) cis-1,2-Dichloroethene	6.03	96	694298	81.425	ug/l	99
28) Bromochloromethane	6.43	49	471630	81.998	ug/l	99
29) Tetrahydrofuran	6.45	42	417901	445.181	ug/l	97
30) Chloroform	6.66	83	1379805	77.158	ug/l	98
31) Cyclohexane	6.94	56	725250	80.296	ug/l	91
32) 1,1,1-Trichloroethane	6.85	97	1371038	79.263	ug/l	96
36) 1,1-Dichloropropene	7.14	75	928546	75.263	ug/l	98
37) Ethyl Acetate	6.17	43	441831	79.879	ug/l	96
38) Carbon Tetrachloride	7.10	117	1496732	80.584	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	783669	76.239	ug/l	95
40) Benzene	7.44	78	2013702	77.879	ug/l	98
41) Methacrylonitrile	6.43	41	547488	82.576	ug/l #	84
42) 1,2-Dichloroethane	7.57	62	1118819	81.644	ug/l	100
43) Isopropyl Acetate	9.24	43	583120	82.359	ug/l #	93
44) Trichloroethene	8.54	130	817819	78.055	ug/l	94
45) 1,2-Dichloropropane	8.93	63	485881	73.930	ug/l	97
46) Dibromomethane	9.05	93	434328	79.480	ug/l	87
47) Bromodichloromethane	9.36	83	1105623	79.370	ug/l	96
48) Methyl methacrylate	9.11	41	380413	82.844	ug/l	98
49) 1,4-Dioxane	9.08	88	62791	1652.798	ug/l	88
51) 4-Methyl-2-Pentanone	10.30	43	1954009	405.807	ug/l	97
52) Toluene	10.51	92	1291683	75.109	ug/l	97
53) t-1,3-Dichloropropene	10.91	75	957291	79.711	ug/l	95
54) cis-1,3-Dichloropropene	10.03	75	958351	75.929	ug/l	95
55) 1,1,2-Trichloroethane	11.19	97	451938	77.811	ug/l	97
56) Ethyl methacrylate	11.04	69	550199	86.508	ug/l	94
57) 1,3-Dichloropropane	11.40	76	748155	81.755	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.85	63	1139430	344.300	ug/l	95
59) 2-Hexanone	11.53	43	1506797	434.238	ug/l	99
60) Dibromochloromethane	11.68	129	875881	79.881	ug/l	97
61) 1,2-Dibromoethane	11.80	107	589283	82.223	ug/l	96
64) Tetrachloroethene	11.25	164	663056	74.635	ug/l	96
65) Chlorobenzene	12.40	112	1588645	74.065	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	740814	78.408	ug/l	99
67) Ethyl Benzene	12.51	91	2775845	76.181	ug/l	99
68) m/p-Xylenes	12.66	106	2035058	152.292	ug/l	100
69) o-Xylene	13.05	106	975488	79.494	ug/l	92
70) Styrene	13.07	104	1711004	78.623	ug/l	97
71) Bromoform	13.23	173	565885	82.359	ug/l	97
73) Isopropylbenzene	13.40	105	2896115	76.385	ug/l	97
74) N-amyl acetate	13.26	43	827372	82.546	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	539868	83.825	ug/l	94
76) 1,2,3-Trichloropropane	13.73	75	602765	83.071	ug/l	99
77) Bromobenzene	13.67	156	870265	80.574	ug/l	88
78) n-propylbenzene	13.77	91	3409813	75.572	ug/l	98
79) 2-Chlorotoluene	13.83	91	1960481	74.988	ug/l	95
80) 1,3,5-Trimethylbenzene	13.93	105	2585376	79.060	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.47	75	168114	83.438	ug/l	97
82) 4-Chlorotoluene	13.94	91	2387473	77.596	ug/l	97
83) tert-Butylbenzene	14.19	119	2984879	79.940	ug/l	92
84) 1,2,4-Trimethylbenzene	14.24	105	2491820	73.669	ug/l	99
85) sec-Butylbenzene	14.36	105	3016238	76.672	ug/l	98
86) p-Isopropyltoluene	14.48	119	2961678	78.878	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	1430493	74.787	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	1525337	78.861	ug/l	95
89) n-Butylbenzene	14.80	91	2509334	77.378	ug/l	96
90) Hexachloroethane	15.00	117	756136	77.295	ug/l	88
91) 1,2-Dichlorobenzene	14.81	146	1264299	75.864	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	100171	76.357	ug/l	65

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	958461	72.497	ug/l	97
94) Hexachlorobutadiene	16.03	225	725636	75.739	ug/l	99
95) Naphthalene	16.12	128	1555011	83.217	ug/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	842989	80.713	ug/l	98

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

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