

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053019\
 Data File : VD062551.D
 Acq On : 30 May 2019 13:27
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Quant Time: May 31 01:58:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 01:07:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	921021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1185381	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1039065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	581079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	708604	65.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.10%	
35) Dibromofluoromethane	6.93	113	773065	70.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.14%	
50) Toluene-d8	10.41	98	1683748	70.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.86%	
62) 4-Bromofluorobenzene	13.56	95	776153	72.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.56	85	635732	57.932	ug/l	92
3) Chloromethane	1.73	50	679677	54.312	ug/l	98
4) Vinyl Chloride	1.84	62	566312	67.145	ug/l	100
5) Bromomethane	2.15	94	187507m	72.444	ug/l	
6) Chloroethane	2.26	64	279121	69.399	ug/l	97
7) Trichlorofluoromethane	2.53	101	1187797	67.413	ug/l	98
8) Diethyl Ether	2.86	74	154044	68.043	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.14	101	670003	64.281	ug/l	97
10) Methyl Iodide	3.30	142	871533	76.571	ug/l	98
11) Tert butyl alcohol	4.08	59	164628	331.283	ug/l #	87
12) 1,1-Dichloroethene	3.12	96	464292	62.675	ug/l	93
13) Acrolein	3.03	56	62307	289.667	ug/l	96
14) Allyl chloride	3.61	41	788933	68.025	ug/l	100
15) Acrylonitrile	4.19	53	397951	355.518	ug/l	98
16) Acetone	3.22	43	712414	319.550	ug/l	99
17) Carbon Disulfide	3.37	76	1612900	68.517	ug/l	97
18) Methyl Acetate	3.64	43	214077	59.030	ug/l	96
19) Methyl tert-butyl Ether	4.24	73	1254442	69.521	ug/l	97
20) Methylene Chloride	3.81	84	514342	65.827	ug/l	95
21) trans-1,2-Dichloroethene	4.21	96	573248	68.255	ug/l	97
22) Diisopropyl ether	5.12	45	1637558	70.140	ug/l	96
23) Vinyl Acetate	5.06	43	4884896	343.797	ug/l	96
24) 1,1-Dichloroethane	4.98	63	1018469	66.775	ug/l	97
25) 2-Butanone	6.08	43	689167	336.370	ug/l	98
26) 2,2-Dichloropropane	6.02	77	1110091	67.033	ug/l	96
27) cis-1,2-Dichloroethene	6.04	96	579353	66.968	ug/l	96
28) Bromochloromethane	6.44	49	345606	68.320	ug/l	96
29) Tetrahydrofuran	6.47	42	305056	323.855	ug/l	98
30) Chloroform	6.66	83	1235161	67.300	ug/l	94
31) Cyclohexane	6.96	56	688345	68.122	ug/l	91
32) 1,1,1-Trichloroethane	6.87	97	1276039	68.086	ug/l	98
36) 1,1-Dichloropropene	7.16	75	854213	71.055	ug/l	96
37) Ethyl Acetate	6.19	43	331148	61.686	ug/l	97
38) Carbon Tetrachloride	7.12	117	1340785m	73.840	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	751579	74.626	ug/l	98
40) Benzene	7.46	78	1697302	71.873	ug/l	99
41) Methacrylonitrile	6.45	41	418731	69.586	ug/l #	93
42) 1,2-Dichloroethane	7.58	62	932873	70.757	ug/l	98
43) Isopropyl Acetate	9.24	43	469962	73.834	ug/l #	98
44) Trichloroethene	8.54	130	672828	71.180	ug/l	99
45) 1,2-Dichloropropane	8.95	63	411300	70.904	ug/l	98
46) Dibromomethane	9.07	93	357154	73.815	ug/l	97
47) Bromodichloromethane	9.38	83	1009115	75.081	ug/l	97
48) Methyl methacrylate	9.13	41	327079	74.784	ug/l	98
49) 1,4-Dioxane	9.09	88	56714	1597.349	ug/l #	84
51) 4-Methyl-2-Pentanone	10.31	43	1529531	339.677	ug/l	99
52) Toluene	10.51	92	1182162	73.581	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	828036	72.066	ug/l	96
54) cis-1,3-Dichloropropene	10.05	75	864160	72.759	ug/l	95
55) 1,1,2-Trichloroethane	11.20	97	388991	72.812	ug/l	93
56) Ethyl methacrylate	11.04	69	391415	69.271	ug/l	94
57) 1,3-Dichloropropane	11.42	76	609613	75.339	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.86	63	863830	294.956	ug/l	99
59) 2-Hexanone	11.54	43	1182621	375.899	ug/l	97
60) Dibromochloromethane	11.69	129	747141	72.090	ug/l	100
61) 1,2-Dibromoethane	11.81	107	475903	75.280	ug/l	98
64) Tetrachloroethene	11.26	164	636677	67.704	ug/l	96
65) Chlorobenzene	12.40	112	1364703	64.952	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	654997	66.706	ug/l	98
67) Ethyl Benzene	12.53	91	2475234	65.382	ug/l	97
68) m/p-Xylenes	12.67	106	1798316	139.872	ug/l	98
69) o-Xylene	13.05	106	822399	66.011	ug/l	96
70) Styrene	13.08	104	1332594	63.271	ug/l	99
71) Bromoform	13.24	173	461639	67.529	ug/l #	92
73) Isopropylbenzene	13.41	105	2513108	65.048	ug/l	99
74) N-amyl acetate	13.27	43	667444	67.241	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	401268	63.376	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	495912	67.591	ug/l	99
77) Bromobenzene	13.67	156	687627	63.580	ug/l	84
78) n-propylbenzene	13.78	91	2978306	66.151	ug/l	96
79) 2-Chlorotoluene	13.85	91	1718629	65.203	ug/l	96
80) 1,3,5-Trimethylbenzene	13.94	105	2191196	65.385	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.48	75	137106	69.075	ug/l	86
82) 4-Chlorotoluene	13.95	91	2082039	65.685	ug/l	91
83) tert-Butylbenzene	14.20	119	2494638	67.665	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	2329139	69.515	ug/l	96
85) sec-Butylbenzene	14.37	105	2597006	66.052	ug/l	100
86) p-Isopropyltoluene	14.50	119	2424079	65.552	ug/l	96
87) 1,3-Dichlorobenzene	14.46	146	1087386	57.597	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	1247555	67.380	ug/l	95
89) n-Butylbenzene	14.81	91	2246603	66.767	ug/l	97
90) Hexachloroethane	15.01	117	637999	64.558	ug/l	83
91) 1,2-Dichlorobenzene	14.82	146	1062419	66.057	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.39	75	85736	66.737	ug/l	71

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	849578	68.405	ug/l	96
94) Hexachlorobutadiene	16.05	225	597977	65.639	ug/l	99
95) Naphthalene	16.12	128	1158641	66.085	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	643696	68.737	ug/l	98

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

