

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061919\
 Data File : VD062781.D
 Acq On : 19 Jun 2019 16:07
 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: Jun 20 01:48:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	938955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1321059	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1148423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	615170	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	837185	81.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	163.90%	
35) Dibromofluoromethane	6.93	113	846105	75.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.92%	
50) Toluene-d8	10.41	98	1973796	81.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	162.82%	
62) 4-Bromofluorobenzene	13.56	95	816238	74.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	894977	73.585	ug/l	98
3) Chloromethane	1.75	50	658479	71.987	ug/l	94
4) Vinyl Chloride	1.85	62	672065	74.107	ug/l	95
5) Bromomethane	2.16	94	310203	73.039	ug/l	88
6) Chloroethane	2.26	64	282000	68.682	ug/l	95
7) Trichlorofluoromethane	2.53	101	1416133	77.158	ug/l	99
8) Diethyl Ether	2.87	74	172442	73.949	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.15	101	784438	78.894	ug/l	96
10) Methyl Iodide	3.31	142	1115683	85.059	ug/l	98
11) Tert butyl alcohol	4.08	59	172439	370.584	ug/l	100
12) 1,1-Dichloroethene	3.13	96	582537	78.099	ug/l	87
13) Acrolein	3.04	56	180573	380.142	ug/l	97
14) Allyl chloride	3.62	41	827408	75.156	ug/l	96
15) Acrylonitrile	4.20	53	436375	399.154	ug/l	95
16) Acetone	3.23	43	798198	349.135	ug/l	93
17) Carbon Disulfide	3.38	76	1796962	75.485	ug/l	96
18) Methyl Acetate	3.65	43	245591	79.635	ug/l	98
19) Methyl tert-butyl Ether	4.24	73	1268641	78.570	ug/l	95
20) Methylene Chloride	3.82	84	565671	72.602	ug/l	93
21) trans-1,2-Dichloroethene	4.22	96	624619	78.649	ug/l	94
22) Diisopropyl ether	5.13	45	1760929	78.567	ug/l	95
23) Vinyl Acetate	5.07	43	5653538	402.316	ug/l	98
24) 1,1-Dichloroethane	4.99	63	1144690	78.442	ug/l	99
25) 2-Butanone	6.08	43	779448	407.959	ug/l	98
26) 2,2-Dichloropropane	6.03	77	1198219	77.466	ug/l	99
27) cis-1,2-Dichloroethene	6.05	96	631205	75.155	ug/l	98
28) Bromochloromethane	6.45	49	387884	75.469	ug/l	94
29) Tetrahydrofuran	6.47	42	357929	395.937	ug/l	98
30) Chloroform	6.67	83	1322501	74.519	ug/l	97
31) Cyclohexane	6.96	56	753915	78.589	ug/l	90
32) 1,1,1-Trichloroethane	6.88	97	1413765	76.483	ug/l	95
36) 1,1-Dichloropropene	7.16	75	907351	72.555	ug/l	94
37) Ethyl Acetate	6.19	43	398568	69.594	ug/l	97
38) Carbon Tetrachloride	7.12	117	1392682m	72.714	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	809771	73.562	ug/l	97
40) Benzene	7.46	78	1840304	73.311	ug/l	97
41) Methacrylonitrile	6.46	41	482092	73.099	ug/l	95
42) 1,2-Dichloroethane	7.59	62	1050458	76.708	ug/l	100
43) Isopropyl Acetate	9.24	43	540176	82.390	ug/l #	97
44) Trichloroethene	8.55	130	743213	75.519	ug/l	88
45) 1,2-Dichloropropane	8.95	63	466871	74.796	ug/l	98
46) Dibromomethane	9.08	93	408536	76.192	ug/l	92
47) Bromodichloromethane	9.38	83	1013360	72.770	ug/l	98
48) Methyl methacrylate	9.14	41	339670	72.904	ug/l	95
49) 1,4-Dioxane	9.09	88	60670	1565.184	ug/l #	86
51) 4-Methyl-2-Pentanone	10.31	43	1768685	380.494	ug/l	99
52) Toluene	10.51	92	1210941	71.763	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	892460	78.301	ug/l	98
54) cis-1,3-Dichloropropene	10.05	75	937459	75.672	ug/l	91
55) 1,1,2-Trichloroethane	11.20	97	426889	73.636	ug/l	94
56) Ethyl methacrylate	11.05	69	471959	76.177	ug/l	97
57) 1,3-Dichloropropane	11.42	76	702728	79.166	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	1224312	384.921	ug/l	99
59) 2-Hexanone	11.54	43	1246909	376.649	ug/l	97
60) Dibromochloromethane	11.69	129	845521	78.301	ug/l	95
61) 1,2-Dibromoethane	11.81	107	537766	78.541	ug/l	96
64) Tetrachloroethene	11.26	164	693561	73.379	ug/l	95
65) Chlorobenzene	12.40	112	1573139	73.810	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	742722	74.515	ug/l	95
67) Ethyl Benzene	12.53	91	2781046	72.677	ug/l	100
68) m/p-Xylenes	12.68	106	1907251	143.104	ug/l	96
69) o-Xylene	13.05	106	922625	75.727	ug/l	99
70) Styrene	13.08	104	1610983	75.280	ug/l	91
71) Bromoform	13.24	173	523350	76.635	ug/l	98
73) Isopropylbenzene	13.41	105	2869013	72.737	ug/l	99
74) N-amyl acetate	13.27	43	741767	77.439	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	466929	72.655	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	505860	71.231	ug/l	96
77) Bromobenzene	13.67	156	768425	72.430	ug/l	91
78) n-propylbenzene	13.78	91	3294245	71.757	ug/l	99
79) 2-Chlorotoluene	13.85	91	1759170	67.113	ug/l	92
80) 1,3,5-Trimethylbenzene	13.94	105	2485138	75.009	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	146162	78.529	ug/l	91
82) 4-Chlorotoluene	13.95	91	2279649	72.174	ug/l	95
83) tert-Butylbenzene	14.20	119	2528562	68.470	ug/l	95
84) 1,2,4-Trimethylbenzene	14.24	105	2320189	68.325	ug/l	100
85) sec-Butylbenzene	14.37	105	2875931	71.652	ug/l	98
86) p-Isopropyltoluene	14.50	119	2441256	66.484	ug/l	96
87) 1,3-Dichlorobenzene	14.46	146	1351737	71.078	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	1386453	72.584	ug/l	99
89) n-Butylbenzene	14.81	91	2394973	69.686	ug/l	95
90) Hexachloroethane	15.01	117	724939	73.428	ug/l	98
91) 1,2-Dichlorobenzene	14.82	146	1143642	70.287	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	88420	70.490	ug/l #	54

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	902949	71.040	ug/l	97
94) Hexachlorobutadiene	16.04	225	665437	68.530	ug/l	96
95) Naphthalene	16.12	128	1288928	72.351	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	693039	70.965	ug/l	97

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

