

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050818\
 Data File : VT019044.D
 Acq On : 8 May 2018 19:19
 Operator : SY/MD
 Sample : VSTDIC075
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC075

Quant Time: May 09 04:14:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 09 03:54:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.44	168	1157888	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1938269	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1712823	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	818733	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	788583	83.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	166.50%	
34) Dibromofluoromethane	7.35	113	785991	74.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.76%	
49) Toluene-d8	9.90	98	3509760	76.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.12%	
61) 4-Bromofluorobenzene	12.22	95	1339677	83.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	167.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.78	85	1062052	98.65	ug/l	93
3) Chloromethane	1.96	50	369426	37.15	ug/l	99
4) Vinyl Chloride	2.11	62	608343	56.96	ug/l	98
5) Bromomethane	2.46	94	480000	80.37	ug/l	97
6) Chloroethane	2.57	64	357401	64.32	ug/l	94
7) Trichlorofluoromethane	2.93	101	1570428m	127.94	ug/l	
8) Diethyl Ether	3.21	74	225533	50.83	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.60	101	744071	70.32	ug/l	99
10) Methyl Iodide	3.77	142	1086236	66.11	ug/l	95
11) Tert butyl alcohol	4.55	59	174426	344.31	ug/l	99
12) 1,1-Dichloroethene	3.57	96	663879	60.65	ug/l	98
13) Acrolein	3.40	56	76584	109.54	ug/l	99
14) Allyl chloride	4.06	41	1406684	73.47	ug/l	96
15) Acrylonitrile	4.70	53	736802	321.65	ug/l	98
16) Acetone	3.59	43	350263	153.14	ug/l	94
17) Carbon Disulfide	4.06	76	2568019m	85.37	ug/l	
18) Methyl Acetate	4.08	43	390378	40.03	ug/l	96
19) Methyl tert-butyl Ether	4.76	73	1644454	79.34	ug/l	96
20) Methylene Chloride	4.32	84	807684	63.38	ug/l	100
21) trans-1,2-Dichloroethene	4.74	96	961280	81.69	ug/l	93
22) Diisopropyl ether	5.67	45	2673683	79.06	ug/l	99
23) Vinyl Acetate	5.61	43	5872538	467.26	ug/l	99
24) 1,1-Dichloroethane	5.56	63	1815670	90.78	ug/l	98
25) 2-Butanone	6.57	43	859816	275.34	ug/l	98
26) 2,2-Dichloropropane	6.55	77	718173	76.28	ug/l	96
27) cis-1,2-Dichloroethene	6.56	96	961975	83.72	ug/l	96
28) Bromochloromethane	6.94	49	602054	73.64	ug/l	96
29) Chloroform	7.13	83	1670392	91.20	ug/l	95
30) Cyclohexane	7.43	56	1983763	87.15	ug/l	95
31) 1,1,1-Trichloroethane	7.33	97	1338623	95.49	ug/l	94
35) 1,1-Dichloropropene	7.56	75	1570036	81.99	ug/l	98
36) Ethyl Acetate	6.67	43	379812	53.66	ug/l	97
37) Carbon Tetrachloride	7.54	117	1286546	80.30	ug/l	98
38) Methylcyclohexane	8.88	83	1925843	78.70	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	7.82	78	4021143	75.97	ug/l	97
40) Methacrylonitrile	6.92	41	242669	58.08	ug/l	92
41) 1,2-Dichloroethane	7.91	62	862143	67.70	ug/l	99
42) Isopropyl Acetate	7.96	43	699028	60.23	ug/l	100
43) Trichloroethene	8.63	130	924402	68.88	ug/l	96
44) 1,2-Dichloropropane	8.92	63	946468	77.18	ug/l	97
45) Dibromomethane	9.01	93	360708	67.01	ug/l	93
46) Bromodichloromethane	9.21	83	1088348	77.69	ug/l	100
47) Methyl methacrylate	9.01	41	371155	56.39	ug/l	97
48) 1,4-Dioxane	9.01	88	80471	1109.30	ug/l	95
50) 4-Methyl-2-Pentanone	9.80	43	1854076	269.31	ug/l	97
51) Toluene	9.97	92	2417401	73.65	ug/l	96
52) t-1,3-Dichloropropene	10.19	75	1045237	77.44	ug/l	95
53) cis-1,3-Dichloropropene	9.65	75	1327379	77.91	ug/l	96
54) 1,1,2-Trichloroethane	10.38	97	541738	67.39	ug/l	99
55) Ethyl methacrylate	10.25	69	731681	74.62	ug/l	98
56) 1,3-Dichloropropane	10.53	76	1021703	73.22	ug/l	97
57) 2-Chloroethyl Vinyl ether	9.51	63	1601642	392.12	ug/l	99
58) 2-Hexanone	10.57	43	1383888	266.18	ug/l	100
59) Dibromochloromethane	10.73	129	603752	65.10	ug/l	99
60) 1,2-Dibromoethane	10.82	107	499422	67.37	ug/l	99
63) Tetrachloroethene	10.45	164	825800	66.11	ug/l	97
64) Chlorobenzene	11.25	112	2424418	65.71	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.33	131	811343	69.95	ug/l	98
66) Ethyl Benzene	11.33	91	4816757	74.83	ug/l	96
67) m/p-Xylenes	11.45	106	3551422	138.12	ug/l	94
68) o-Xylene	11.77	106	1694654	72.33	ug/l	96
69) Stvrene	11.79	104	2606880	66.83	ug/l	98
70) Bromoform	11.95	173	302062	51.20	ug/l	99
72) Isopropylbenzene	12.08	105	4787813	79.20	ug/l	98
73) N-amyl acetate	11.90	43	771852	66.78	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.32	83	656956	71.28	ug/l	98
75) 1,2,3-Trichloropropane	12.37	75	487878m	75.43	ug/l	
76) Bromobenzene	12.35	156	901588	67.15	ug/l	94
77) n-propylbenzene	12.42	91	5936913	81.39	ug/l	96
78) 2-Chlorotoluene	12.49	91	3479557	84.95	ug/l	97
79) 1,3,5-Trimethylbenzene	12.56	105	4184956	80.46	ug/l	97
80) trans-1,4-Dichloro-2-buten	12.12	75	189809	67.26	ug/l	96
81) 4-Chlorotoluene	12.60	91	4168416	84.77	ug/l	99
82) tert-Butylbenzene	12.82	119	3683166m	79.79	ug/l	
83) 1,2,4-Trimethylbenzene	12.86	105	4226087	80.50	ug/l	98
84) sec-Butylbenzene	13.00	105	5160464	78.91	ug/l	96
85) p-Isopropyltoluene	13.12	119	4416272	76.79	ug/l	99
86) 1,3-Dichlorobenzene	13.10	146	1934748	69.33	ug/l	98
87) 1,4-Dichlorobenzene	13.19	146	1862515	67.09	ug/l	99
88) n-Butylbenzene	13.44	91	4628846	86.78	ug/l	97
89) Hexachloroethane	13.70	117	783871	83.51	ug/l	98
90) 1,2-Dichlorobenzene	13.47	146	1630338	67.84	ug/l	99
91) 1,2-Dibromo-3-Chloropropan	14.09	75	98992	70.86	ug/l	91
92) 1,2,4-Trichlorobenzene	14.73	180	1104820	68.73	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	826456	78.17	ug/l	95
94) Naphthalene	14.94	128	1798813	68.03	ug/l	99
95) 1,2,3-Trichlorobenzene	15.12	180	909281	66.10	ug/l	98

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

