

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050818\
 Data File : VT019043.D
 Acq On : 8 May 2018 18:48
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

Quant Time: May 09 04:13:23 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	1130857	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1892438	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1640253	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	792875	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	523521	56.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.18%	
34) Dibromofluoromethane	7.35	113	531725	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
49) Toluene-d8	9.90	98	2390635	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
61) 4-Bromofluorobenzene	12.22	95	910615	58.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.78	85	751056	71.43	ug/l	100
3) Chloromethane	1.96	50	235813	24.28	ug/l	100
4) Vinyl Chloride	2.11	62	396104	37.97	ug/l	100
5) Bromomethane	2.46	94	326358	55.95	ug/l	100
6) Chloroethane	2.57	64	225073	41.48	ug/l	100
7) Trichlorofluoromethane	2.93	101	1107251m	92.36	ug/l	
8) Diethyl Ether	3.21	74	151799	35.03	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.60	101	506014	48.97	ug/l	100
10) Methyl Iodide	3.76	142	755501	47.08	ug/l	100
11) Tert butyl alcohol	4.55	59	120324	243.20	ug/l	100
12) 1,1-Dichloroethene	3.57	96	460082	43.03	ug/l	100
13) Acrolein	3.40	56	56951	83.40	ug/l	100
14) Allyl chloride	4.06	41	993172	53.11	ug/l	100
15) Acrylonitrile	4.70	53	520293	232.56	ug/l	100
16) Acetone	3.60	43	260109	116.44	ug/l	100
17) Carbon Disulfide	4.06	76	1842746m	62.72	ug/l	
18) Methyl Acetate	4.08	43	281475	29.55	ug/l	100
19) Methyl tert-butyl Ether	4.76	73	1165623	57.58	ug/l	100
20) Methylene Chloride	4.33	84	581222	46.70	ug/l	100
21) trans-1,2-Dichloroethene	4.75	96	680582	59.22	ug/l	100
22) Diisopropyl ether	5.67	45	1901297	57.56	ug/l	100
23) Vinyl Acetate	5.61	43	4209229	342.92	ug/l	100
24) 1,1-Dichloroethane	5.57	63	1266800	64.85	ug/l	100
25) 2-Butanone	6.57	43	643486	210.99	ug/l	100
26) 2,2-Dichloropropane	6.55	77	513427	55.84	ug/l	100
27) cis-1,2-Dichloroethene	6.56	96	668168	59.54	ug/l	100
28) Bromochloromethane	6.94	49	432337	54.14	ug/l	100
29) Chloroform	7.13	83	1214769	67.91	ug/l	100
30) Cyclohexane	7.43	56	1385813	62.33	ug/l	100
31) 1,1,1-Trichloroethane	7.33	97	959886	70.11	ug/l	100
35) 1,1-Dichloropropene	7.57	75	1107148	59.22	ug/l	100
36) Ethyl Acetate	6.68	43	270011	39.07	ug/l	100
37) Carbon Tetrachloride	7.54	117	898891	57.46	ug/l	100
38) Methylcyclohexane	8.88	83	1343304	56.23	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	7.82	78	2881409	55.76	ug/l	100
40) Methacrylonitrile	6.92	41	176289m	43.22	ug/l	
41) 1,2-Dichloroethane	7.91	62	625035	50.27	ug/l	100
42) Isopropyl Acetate	7.96	43	492768	43.48	ug/l	100
43) Trichloroethene	8.63	130	658450	50.25	ug/l	100
44) 1,2-Dichloropropane	8.93	63	673605	56.26	ug/l	100
45) Dibromomethane	9.01	93	262354	49.92	ug/l	100
46) Bromodichloromethane	9.21	83	776429	56.77	ug/l	100
47) Methyl methacrylate	9.01	41	260511	40.54	ug/l	100
48) 1,4-Dioxane	9.01	88	62155	877.56	ug/l	100
50) 4-Methyl-2-Pentanone	9.80	43	1373925	204.40	ug/l	100
51) Toluene	9.97	92	1709189	53.33	ug/l	100
52) t-1,3-Dichloropropene	10.21	75	728197	55.25	ug/l	100
53) cis-1,3-Dichloropropene	9.65	75	919095	55.25	ug/l	100
54) 1,1,2-Trichloroethane	10.38	97	405228	51.63	ug/l	100
55) Ethyl methacrylate	10.25	69	508085	53.07	ug/l	100
56) 1,3-Dichloropropane	10.53	76	738719	54.22	ug/l	100
57) 2-Chloroethyl Vinyl ether	9.51	63	1115584	279.73	ug/l	100
58) 2-Hexanone	10.57	43	1017643	200.47	ug/l	100
59) Dibromochloromethane	10.73	129	424160	46.84	ug/l	100
60) 1,2-Dibromoethane	10.82	107	350709	48.46	ug/l	100
63) Tetrachloroethene	10.45	164	575532	48.11	ug/l	100
64) Chlorobenzene	11.25	112	1744394	49.37	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.33	131	559542	50.37	ug/l	100
66) Ethyl Benzene	11.33	91	3570785	57.93	ug/l	100
67) m/p-Xylenes	11.45	106	2585971	105.02	ug/l	100
68) o-Xylene	11.77	106	1196822	53.34	ug/l	100
69) Stvrene	11.79	104	1876930	50.25	ug/l	100
70) Bromoform	11.95	173	222690	39.42	ug/l	100
72) Isopropylbenzene	12.08	105	3537214	60.42	ug/l	100
73) N-amyl acetate	11.90	43	564182	50.40	ug/l	100
74) 1,1,2,2-Tetrachloroethane	12.32	83	484413	54.27	ug/l	100
75) 1,2,3-Trichloropropane	12.37	75	343309m	54.81	ug/l	
76) Bromobenzene	12.35	156	661420	50.87	ug/l	100
77) n-propylbenzene	12.42	91	4439020	62.84	ug/l	100
78) 2-Chlorotoluene	12.49	91	2511354	63.31	ug/l	100
79) 1,3,5-Trimethylbenzene	12.56	105	3056025	60.67	ug/l	100
80) trans-1,4-Dichloro-2-buten	12.12	75	133998	49.03	ug/l	100
81) 4-Chlorotoluene	12.60	91	2975325	62.48	ug/l	100
82) tert-Butylbenzene	12.82	119	2649567m	59.27	ug/l	
83) 1,2,4-Trimethylbenzene	12.86	105	3060545	60.20	ug/l	100
84) sec-Butylbenzene	13.00	105	3787636	59.81	ug/l	100
85) p-Isopropyltoluene	13.12	119	3170626	56.93	ug/l	100
86) 1,3-Dichlorobenzene	13.11	146	1370875	50.73	ug/l	100
87) 1,4-Dichlorobenzene	13.19	146	1335406	49.67	ug/l	100
88) n-Butylbenzene	13.44	91	3406993	65.96	ug/l	100
89) Hexachloroethane	13.70	117	534156	58.76	ug/l	100
90) 1,2-Dichlorobenzene	13.47	146	1136148	48.82	ug/l	100
91) 1,2-Dibromo-3-Chloropropan	14.09	75	74906	55.36	ug/l	100
92) 1,2,4-Trichlorobenzene	14.73	180	772687	49.64	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	560776	54.77	ug/l	100
94) Naphthalene	14.94	128	1288372	50.31	ug/l	100
95) 1,2,3-Trichlorobenzene	15.12	180	630662	47.34	ug/l	100

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

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