

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
 Data File : VT019049.D
 Acq On : 9 May 2018 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

Quant Time: May 09 14:27:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 09 04:36:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.44	168	1266219	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	2107715	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1750266	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	804691	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	568784	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
34) Dibromofluoromethane	7.35	113	602942	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
49) Toluene-d8	9.91	98	2652471	52.39	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.78%	
61) 4-Bromofluorobenzene	12.22	95	943609	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.78	85	828118	51.12	ug/l	96
3) Chloromethane	1.96	50	286294	51.86	ug/l	94
4) Vinyl Chloride	2.11	62	467153	52.30	ug/l	96
5) Bromomethane	2.46	94	345080	47.34	ug/l	92
6) Chloroethane	2.59	64	266014	48.54	ug/l	100
7) Trichlorofluoromethane	2.85	101	1265226m	52.75	ug/l	
8) Diethyl Ether	3.21	74	177984	48.89	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.59	101	623904	53.66	ug/l	97
10) Methyl Iodide	3.77	142	866122	51.34	ug/l	93
11) Tert butyl alcohol	4.53	59	110231	181.34	ug/l #	89
12) 1,1-Dichloroethene	3.56	96	549118	53.20	ug/l	97
13) Acrolein	3.39	56	64481	217.30	ug/l	95
14) Allyl chloride	4.06	41	1218800	54.72	ug/l	95
15) Acrylonitrile	4.70	53	546627	233.45	ug/l	97
16) Acetone	3.60	43	345497	270.78	ug/l	95
17) Carbon Disulfide	4.06	76	2466257m	57.89	ug/l	
18) Methyl Acetate	4.08	43	281339	42.92	ug/l	100
19) Methyl tert-butyl Ether	4.76	73	1238217	47.87	ug/l	97
20) Methylene Chloride	4.28	84	649042	47.23	ug/l	97
21) trans-1,2-Dichloroethene	4.75	96	824050	54.07	ug/l	95
22) Diisopropyl ether	5.67	45	2052128	49.67	ug/l	99
23) Vinyl Acetate	5.61	43	4493331	245.07	ug/l	99
24) 1,1-Dichloroethane	5.56	63	1489338	51.57	ug/l	98
25) 2-Butanone	6.57	43	703568	244.87	ug/l	94
26) 2,2-Dichloropropane	6.55	77	704983	60.49	ug/l	99
27) cis-1,2-Dichloroethene	6.56	96	800129	53.44	ug/l	98
28) Bromochloromethane	6.94	49	490262	51.12	ug/l	97
29) Chloroform	7.13	83	1351289	49.99	ug/l	99
30) Cyclohexane	7.43	56	1573590	50.27	ug/l	97
31) 1,1,1-Trichloroethane	7.33	97	1145148	54.83	ug/l	97
35) 1,1-Dichloropropene	7.56	75	1311152	53.99	ug/l	98
36) Ethyl Acetate	6.67	43	270768	43.26	ug/l #	97
37) Carbon Tetrachloride	7.54	117	1006919	50.73	ug/l	98
38) Methylcyclohexane	8.88	83	1595891	55.05	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	7.82	78	3293622	51.91	ug/l	99
40) Methacrylonitrile	6.92	41	154183	44.61	ug/l	96
41) 1,2-Dichloroethane	7.91	62	651754	47.29	ug/l	99
42) Isopropyl Acetate	7.96	43	483533	44.86	ug/l	97
43) Trichloroethene	8.63	130	770464	52.79	ug/l	99
44) 1,2-Dichloropropane	8.92	63	752674	50.60	ug/l	99
45) Dibromomethane	9.01	93	279263	47.75	ug/l	98
46) Bromodichloromethane	9.21	83	851674	50.11	ug/l	95
47) Methyl methacrylate	9.01	41	260103	46.69	ug/l	96
48) 1,4-Dioxane	9.01	88	58282	865.25	ug/l	94
50) 4-Methyl-2-Pentanone	9.80	43	1334248	225.76	ug/l	99
51) Toluene	9.97	92	1961224	53.48	ug/l	99
52) t-1,3-Dichloropropene	10.19	75	793291	51.34	ug/l	97
53) cis-1,3-Dichloropropene	9.65	75	1033204	52.50	ug/l	94
54) 1,1,2-Trichloroethane	10.38	97	410267	46.20	ug/l	99
55) Ethyl methacrylate	10.25	69	512965	48.21	ug/l	96
56) 1,3-Dichloropropane	10.53	76	769166	48.42	ug/l	95
57) 2-Chloroethyl Vinyl ether	9.51	63	1169385	238.52	ug/l	98
58) 2-Hexanone	10.57	43	1053817	245.92	ug/l	95
59) Dibromochloromethane	10.73	129	447803	48.49	ug/l	95
60) 1,2-Dibromoethane	10.82	107	374043	48.73	ug/l	97
63) Tetrachloroethene	10.45	164	622353	51.96	ug/l	97
64) Chlorobenzene	11.25	112	1902449	52.48	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.33	131	616910	52.43	ug/l	100
66) Ethyl Benzene	11.33	91	3955551	56.90	ug/l	99
67) m/p-Xylenes	11.45	106	2829621	109.46	ug/l	99
68) o-Xylene	11.77	106	1318738	54.38	ug/l	96
69) Styrene	11.79	104	2041940	54.38	ug/l	99
70) Bromoform	11.95	173	221227	49.48	ug/l	99
72) Isopropylbenzene	12.08	105	3856037	59.35	ug/l	99
73) N-amyl acetate	11.90	43	523649	48.89	ug/l	97
74) 1,1,2,2-Tetrachloroethane	12.32	83	471747	49.34	ug/l	100
75) 1,2,3-Trichloropropane	12.37	75	342691m	50.07	ug/l	
76) Bromobenzene	12.35	156	676391	52.57	ug/l	96
77) n-propylbenzene	12.42	91	4794893	55.03	ug/l	99
78) 2-Chlorotoluene	12.49	91	2717774	57.00	ug/l	99
79) 1,3,5-Trimethylbenzene	12.56	105	3285482	58.25	ug/l	99
80) trans-1,4-Dichloro-2-buten	12.12	75	133383	51.82	ug/l	96
81) 4-Chlorotoluene	12.60	91	3246153	56.03	ug/l	99
82) tert-Butylbenzene	12.82	119	3461532	70.42	ug/l	100
83) 1,2,4-Trimethylbenzene	12.86	105	3276654	57.29	ug/l	99
84) sec-Butylbenzene	13.00	105	4077137	58.87	ug/l	100
85) p-Isopropyltoluene	13.12	119	3460311	59.43	ug/l	98
86) 1,3-Dichlorobenzene	13.11	146	1428938	52.64	ug/l	98
87) 1,4-Dichlorobenzene	13.19	146	1387072	52.57	ug/l	99
88) n-Butylbenzene	13.44	91	3679643	58.98	ug/l	99
89) Hexachloroethane	13.70	117	572658	56.70	ug/l	96
90) 1,2-Dichlorobenzene	13.47	146	1161639	51.19	ug/l	98
91) 1,2-Dibromo-3-Chloropropan	14.09	75	67492	48.98	ug/l	92
92) 1,2,4-Trichlorobenzene	14.73	180	767901	50.64	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	589392	53.20	ug/l	96
94) Naphthalene	14.94	128	1143116	46.66	ug/l	98
95) 1,2,3-Trichlorobenzene	15.12	180	590991	47.21	ug/l	99

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

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