

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050818\
 Data File : VT019045.D
 Acq On : 8 May 2018 19:50
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC100

Quant Time: May 09 04:18:17 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	1247217	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	2091655	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1796796	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	892408	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	1247667	122.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	244.54%	
34) Dibromofluoromethane	7.35	113	1251701	110.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.00%	
49) Toluene-d8	9.90	98	5287631	106.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.36%	
61) 4-Bromofluorobenzene	12.22	95	2069488	120.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	240.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.78	85	1681687	145.02	ug/l	100
3) Chloromethane	1.97	50	629870	58.80	ug/l	98
4) Vinyl Chloride	2.11	62	995395	86.52	ug/l	97
5) Bromomethane	2.46	94	795104	123.60	ug/l	95
6) Chloroethane	2.57	64	607287	101.47	ug/l	96
7) Trichlorofluoromethane	2.92	101	2459325m	186.00	ug/l	
8) Diethyl Ether	3.20	74	386244	80.82	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.60	101	1149034	100.82	ug/l	96
10) Methyl Iodide	3.76	142	1692379	95.62	ug/l	95
11) Tert butyl alcohol	4.55	59	300493	550.68	ug/l	98
12) 1,1-Dichloroethene	3.56	96	1056541	89.60	ug/l	96
13) Acrolein	3.39	56	145841	193.65	ug/l	91
14) Allyl chloride	4.05	41	2267310	109.94	ug/l	99
15) Acrylonitrile	4.70	53	1177496	477.22	ug/l	95
16) Acetone	3.59	43	578666	234.87	ug/l	95
17) Carbon Disulfide	3.91	76	4489526m	138.55	ug/l	
18) Methyl Acetate	4.08	43	643225	61.23	ug/l	99
19) Methyl tert-butyl Ether	4.76	73	2757770	123.52	ug/l	98
20) Methylene Chloride	4.33	84	1310168	95.44	ug/l	95
21) trans-1,2-Dichloroethene	4.74	96	1544020	121.81	ug/l	92
22) Diisopropyl ether	5.67	45	4258673	116.90	ug/l	99
23) Vinyl Acetate	5.61	43	9268990	684.69	ug/l	99
24) 1,1-Dichloroethane	5.56	63	2904828	134.83	ug/l	99
25) 2-Butanone	6.57	43	1409770	419.12	ug/l	92
26) 2,2-Dichloropropane	6.55	77	1123290	110.77	ug/l	96
27) cis-1,2-Dichloroethene	6.55	96	1545476	124.86	ug/l	93
28) Bromochloromethane	6.94	49	924545	104.98	ug/l	96
29) Chloroform	7.13	83	2718253	137.79	ug/l	99
30) Cyclohexane	7.43	56	2975881	121.37	ug/l	97
31) 1,1,1-Trichloroethane	7.33	97	2227763	147.54	ug/l	97
35) 1,1-Dichloropropene	7.56	75	2538719	122.86	ug/l	99
36) Ethyl Acetate	6.67	43	605541	79.27	ug/l	97
37) Carbon Tetrachloride	7.54	117	2099220	121.41	ug/l	97
38) Methylcyclohexane	8.88	83	3092920	117.13	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	7.82	78	6285572	110.05	ug/l	95
40) Methacrylonitrile	6.92	41	340746	75.57	ug/l	95
41) 1,2-Dichloroethane	7.91	62	1392881	101.36	ug/l	99
42) Isopropyl Acetate	7.96	43	1176387	93.92	ug/l	98
43) Trichloroethene	8.63	130	1515217	104.62	ug/l	98
44) 1,2-Dichloropropane	8.92	63	1529858	115.60	ug/l	99
45) Dibromomethane	9.01	93	595526	102.52	ug/l	96
46) Bromodichloromethane	9.21	83	1793543	118.65	ug/l	98
47) Methyl methacrylate	9.01	41	604387	85.09	ug/l	97
48) 1,4-Dioxane	9.01	88	131432	1678.94	ug/l	93
50) 4-Methyl-2-Pentanone	9.80	43	2949001	396.94	ug/l	97
51) Toluene	9.97	92	3815961	107.73	ug/l	86
52) t-1,3-Dichloropropene	10.19	75	1721091	118.16	ug/l	99
53) cis-1,3-Dichloropropene	9.65	75	2174342	118.27	ug/l	97
54) 1,1,2-Trichloroethane	10.38	97	899777	103.72	ug/l	99
55) Ethyl methacrylate	10.25	69	1199705	113.38	ug/l	98
56) 1,3-Dichloropropane	10.53	76	1645634	109.29	ug/l	96
57) 2-Chloroethyl Vinyl ether	9.51	63	2629699	596.60	ug/l	100
58) 2-Hexanone	10.57	43	2161448	385.25	ug/l	96
59) Dibromochloromethane	10.73	129	980974	98.02	ug/l	97
60) 1,2-Dibromoethane	10.82	107	822615	102.83	ug/l	97
63) Tetrachloroethene	10.45	164	1359319	103.73	ug/l	97
64) Chlorobenzene	11.25	112	3752750	96.97	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.33	131	1319633	108.45	ug/l	97
66) Ethyl Benzene	11.33	91	6990737	103.53	ug/l #	88
67) m/p-Xylenes	11.45	106	5366448	198.96	ug/l	76
68) o-Xylene	11.77	106	2644947	107.61	ug/l	84
69) Stvrene	11.79	104	3987181	97.44	ug/l	97
70) Bromoform	11.95	173	524992	84.83	ug/l	100
72) Isopropylbenzene	12.08	105	6854071	104.01	ug/l	88
73) N-amyl acetate	11.90	43	1269901	100.80	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.32	83	1052737	104.79	ug/l	95
75) 1,2,3-Trichloropropane	12.37	75	793604m	112.57	ug/l	
76) Bromobenzene	12.35	156	1448635	98.99	ug/l	98
77) n-propylbenzene	12.42	91	8008069	100.72	ug/l	84
78) 2-Chlorotoluene	12.49	91	5237882	117.32	ug/l	94
79) 1,3,5-Trimethylbenzene	12.56	105	6089195	107.41	ug/l	90
80) trans-1,4-Dichloro-2-buten	12.12	75	310626	100.99	ug/l	99
81) 4-Chlorotoluene	12.60	91	6218852	116.02	ug/l	94
82) tert-Butylbenzene	12.82	119	5527711m	109.86	ug/l	
83) 1,2,4-Trimethylbenzene	12.86	105	6163996	107.72	ug/l	94
84) sec-Butylbenzene	13.00	105	7167189	100.55	ug/l	88
85) p-Isopropyltoluene	13.12	119	6263211	99.92	ug/l	89
86) 1,3-Dichlorobenzene	13.11	146	2980414	97.99	ug/l	100
87) 1,4-Dichlorobenzene	13.19	146	2932578	96.91	ug/l	98
88) n-Butylbenzene	13.44	91	6554014	112.73	ug/l	87
89) Hexachloroethane	13.70	117	1254195	122.59	ug/l	96
90) 1,2-Dichlorobenzene	13.47	146	2508748	95.77	ug/l	98
91) 1,2-Dibromo-3-Chloropropan	14.09	75	168623	110.73	ug/l	83
92) 1,2,4-Trichlorobenzene	14.73	180	1794283	102.41	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	1321092	114.65	ug/l	97
94) Naphthalene	14.94	128	2886914	100.16	ug/l	99
95) 1,2,3-Trichlorobenzene	15.12	180	1442007	96.18	ug/l	98

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

