

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
 Data File : VT019051.D
 Acq On : 9 May 2018 11:43
 Operator : SY/MD
 Sample : VT0509SBS01
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT0509SBS01

Quant Time: May 25 18:06:09 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	1143716	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1939838	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1582363	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	732087	50.00	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.80	65	522889	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
34) Dibromofluoromethane	7.35	113	547632	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
49) Toluene-d8	9.90	98	2517508	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
61) 4-Bromofluorobenzene	12.22	95	893509	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.78	85	271752	18.57	ug/l	95
3) Chloromethane	1.95	50	111011	22.26	ug/l	94
4) Vinyl Chloride	2.10	62	156869	19.44	ug/l	94
5) Bromomethane	2.44	94	137913	20.95	ug/l	92
6) Chloroethane	2.57	64	96899	19.57	ug/l	97
7) Trichlorofluoromethane	2.92	101	452538m	20.89	ug/l	
8) Diethyl Ether	3.21	74	60687	18.46	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.59	101	228931	21.80	ug/l	99
10) Methyl Iodide	3.76	142	325218	21.34	ug/l	96
11) Tert butyl alcohol	4.53	59	35715	65.05	ug/l #	90
12) 1,1-Dichloroethene	3.54	96	207338	22.24	ug/l	96
13) Acrolein	3.39	56	26884	100.30	ug/l	98
14) Allyl chloride	4.06	41	436215	21.68	ug/l	91
15) Acrylonitrile	4.70	53	192131	90.84	ug/l	95
16) Acetone	3.59	43	108411	94.07	ug/l	96
17) Carbon Disulfide	4.06	76	789515m	20.52	ug/l	
18) Methyl Acetate	4.06	43	101182	17.09	ug/l	93
19) Methyl tert-butyl Ether	4.76	73	430044	18.41	ug/l	98
20) Methylene Chloride	4.28	84	254180	20.48	ug/l	93
21) trans-1,2-Dichloroethene	4.74	96	279859	20.33	ug/l	90
22) Diisopropyl ether	5.67	45	731786	19.61	ug/l	98
23) Vinyl Acetate	5.61	43	1631603	98.52	ug/l	98
24) 1,1-Dichloroethane	5.56	63	531490	20.37	ug/l	99
25) 2-Butanone	6.57	43	231108	89.05	ug/l	96
26) 2,2-Dichloropropane	6.55	77	247796	23.54	ug/l	97
27) cis-1,2-Dichloroethene	6.56	96	275134	20.34	ug/l	98
28) Bromochloromethane	6.93	49	166677	19.24	ug/l	88
29) Chloroform	7.13	83	501915	20.56	ug/l	97
30) Cyclohexane	7.43	56	581762	20.57	ug/l	94
31) 1,1,1-Trichloroethane	7.33	97	398007	21.10	ug/l	95
35) 1,1-Dichloropropene	7.56	75	467645	20.92	ug/l	99
36) Ethyl Acetate	6.67	43	100737	17.49	ug/l #	90
37) Carbon Tetrachloride	7.54	117	353174	19.33	ug/l	96
38) Methylcyclohexane	8.88	83	576935	21.62	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Benzene	7.82	78	1213693	20.78	ug/l #	92
40) Methacrylonitrile	6.90	41	63404	20.14	ug/l #	82
41) 1,2-Dichloroethane	7.91	62	242770	19.14	ug/l	99
42) Isopropyl Acetate	7.96	43	174004	17.54	ug/l	97
43) Trichloroethene	8.63	130	265874	19.79	ug/l	92
44) 1,2-Dichloropropane	8.92	63	277269	20.25	ug/l	98
45) Dibromomethane	9.01	93	102912	19.12	ug/l	98
46) Bromodichloromethane	9.21	83	294321	18.82	ug/l	99
47) Methyl methacrylate	9.01	41	94784	18.49	ug/l	94
48) 1,4-Dioxane	9.01	88	21467	339.46	ug/l #	77
50) 4-Methyl-2-Pentanone	9.80	43	478510	87.97	ug/l	94
51) Toluene	9.97	92	704117	20.86	ug/l	97
52) t-1,3-Dichloropropene	10.19	75	269645	18.96	ug/l	96
53) cis-1,3-Dichloropropene	9.65	75	356371	19.67	ug/l	95
54) 1,1,2-Trichloroethane	10.38	97	153785	18.82	ug/l	95
55) Ethyl methacrylate	10.25	69	164831	16.83	ug/l	97
56) 1,3-Dichloropropane	10.53	76	265789	18.18	ug/l	93
57) 2-Chloroethyl Vinyl ether	9.51	63	415714	92.13	ug/l	96
58) 2-Hexanone	10.57	43	359185	91.07	ug/l	99
59) Dibromochloromethane	10.73	129	150926	17.76	ug/l	98
60) 1,2-Dibromoethane	10.82	107	132744	18.79	ug/l	95
63) Tetrachloroethene	10.45	164	220892	20.40	ug/l	97
64) Chlorobenzene	11.25	112	702328	21.43	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.33	131	215398	20.25	ug/l	100
66) Ethyl Benzene	11.33	91	1467834	23.35	ug/l	99
67) m/p-Xylenes	11.45	106	1036296	44.34	ug/l	90
68) o-Xylene	11.77	106	469782	21.43	ug/l	98
69) Stvrene	11.78	104	747548	22.02	ug/l #	91
70) Bromoform	11.95	173	73618	18.21	ug/l	93
72) Isopropylbenzene	12.08	105	1452342	24.57	ug/l	96
73) N-amyl acetate	11.90	43	175775	18.04	ug/l	93
74) 1,1,2,2-Tetrachloroethane	12.32	83	169714	19.51	ug/l	95
75) 1,2,3-Trichloropropane	12.37	75	117614m	18.89	ug/l	
76) Bromobenzene	12.35	156	241180	20.61	ug/l	90
77) n-propylbenzene	12.42	91	1884663	21.81	ug/l	97
78) 2-Chlorotoluene	12.49	91	1000892	23.07	ug/l	97
79) 1,3,5-Trimethylbenzene	12.56	105	1240912	24.18	ug/l	100
80) trans-1,4-Dichloro-2-buten	12.12	75	44433	18.97	ug/l	98
81) 4-Chlorotoluene	12.60	91	1178476	22.36	ug/l	99
82) tert-Butylbenzene	12.82	119	1258517	28.14	ug/l	99
83) 1,2,4-Trimethylbenzene	12.86	105	1236190	23.76	ug/l	99
84) sec-Butylbenzene	13.00	105	1584884	25.15	ug/l	97
85) p-Isopropyltoluene	13.12	119	1313171	24.79	ug/l	95
86) 1,3-Dichlorobenzene	13.10	146	529925	21.46	ug/l	99
87) 1,4-Dichlorobenzene	13.19	146	510567	21.27	ug/l	99
88) n-Butylbenzene	13.44	91	1416676	24.96	ug/l	96
89) Hexachloroethane	13.70	117	195755	21.31	ug/l	90
90) 1,2-Dichlorobenzene	13.47	146	412394	19.98	ug/l	98
91) 1,2-Dibromo-3-Chloropropan	14.09	75	19396	15.47	ug/l	94
92) 1,2,4-Trichlorobenzene	14.73	180	271608	19.69	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	208428	20.68	ug/l	95
94) Naphthalene	14.95	128	398980	17.90	ug/l	98
95) 1,2,3-Trichlorobenzene	15.12	180	215729	18.94	ug/l	95

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

