

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
 Data File : VT019052.D
 Acq On : 9 May 2018 12:14
 Operator : SY/MD
 Sample : VT0509SBSD01
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT0509SBSD01

Quant Time: May 25 18:06:33 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	1142172	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1927583	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1638933	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	787494	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	563259	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
34) Dibromofluoromethane	7.35	113	560637	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
49) Toluene-d8	9.90	98	2539343	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
61) 4-Bromofluorobenzene	12.22	95	950145	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.78	85	278971	19.09	ug/l	94
3) Chloromethane	1.96	50	118864	23.87	ug/l	97
4) Vinyl Chloride	2.10	62	172490	21.41	ug/l	96
5) Bromomethane	2.44	94	134304	20.43	ug/l	97
6) Chloroethane	2.59	64	98720	19.97	ug/l	95
7) Trichlorofluoromethane	2.83	101	446818m	20.65	ug/l	
8) Diethyl Ether	3.21	74	70982	21.62	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.60	101	231350	22.06	ug/l	97
10) Methyl Iodide	3.77	142	333125	21.89	ug/l	90
11) Tert butyl alcohol	4.54	59	47123	85.94	ug/l	99
12) 1,1-Dichloroethene	3.56	96	212024	22.77	ug/l	96
13) Acrolein	3.39	56	27948	104.41	ug/l	93
14) Allyl chloride	4.06	41	450362	22.42	ug/l	98
15) Acrylonitrile	4.70	53	230191	108.98	ug/l	97
16) Acetone	3.60	43	136911	118.96	ug/l #	87
17) Carbon Disulfide	4.06	76	834269m	21.71	ug/l	
18) Methyl Acetate	4.08	43	107946	18.26	ug/l	100
19) Methyl tert-butyl Ether	4.76	73	490906	21.04	ug/l	97
20) Methylene Chloride	4.28	84	261148m	21.07	ug/l	
21) trans-1,2-Dichloroethene	4.74	96	289789	21.08	ug/l	94
22) Diisopropyl ether	5.67	45	804401	21.58	ug/l	97
23) Vinyl Acetate	5.61	43	1817387	109.88	ug/l	99
24) 1,1-Dichloroethane	5.56	63	541678	20.79	ug/l	99
25) 2-Butanone	6.57	43	287645	110.98	ug/l	99
26) 2,2-Dichloropropane	6.55	77	237985	22.64	ug/l	98
27) cis-1,2-Dichloroethene	6.56	96	281181	20.82	ug/l	94
28) Bromochloromethane	6.94	49	177823	20.56	ug/l	95
29) Chloroform	7.13	83	502226	20.60	ug/l	92
30) Cyclohexane	7.43	56	609716	21.59	ug/l	97
31) 1,1,1-Trichloroethane	7.33	97	381460	20.25	ug/l #	89
35) 1,1-Dichloropropene	7.57	75	469660	21.15	ug/l	99
36) Ethyl Acetate	6.67	43	116873	20.42	ug/l #	93
37) Carbon Tetrachloride	7.54	117	348611	19.21	ug/l	94
38) Methylcyclohexane	8.88	83	562620	21.22	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	7.82	78	1248333	21.51	ug/l #	88
40) Methacrylonitrile	6.96	41	158677	50.16	ug/l #	37
41) 1,2-Dichloroethane	7.91	62	253781	20.13	ug/l	95
42) Isopropyl Acetate	7.96	43	205038	20.80	ug/l	96
43) Trichloroethene	8.63	130	277097	20.76	ug/l	88
44) 1,2-Dichloropropane	8.92	63	283714	20.85	ug/l	97
45) Dibromomethane	9.01	93	114174	21.35	ug/l	93
46) Bromodichloromethane	9.21	83	307619	19.79	ug/l	97
47) Methyl methacrylate	9.01	41	103658	20.35	ug/l	96
48) 1,4-Dioxane	9.01	88	26766	428.84	ug/l	91
50) 4-Methyl-2-Pentanone	9.80	43	591606	109.46	ug/l	96
51) Toluene	9.97	92	723763	21.58	ug/l	95
52) t-1,3-Dichloropropene	10.19	75	294908	20.87	ug/l	93
53) cis-1,3-Dichloropropene	9.65	75	370449	20.58	ug/l	97
54) 1,1,2-Trichloroethane	10.38	97	154059	18.97	ug/l	98
55) Ethyl methacrylate	10.25	69	202974	20.86	ug/l	97
56) 1,3-Dichloropropane	10.53	76	307039	21.13	ug/l	93
57) 2-Chloroethyl Vinyl ether	9.51	63	475977	106.16	ug/l	98
58) 2-Hexanone	10.57	43	427360	109.05	ug/l	95
59) Dibromochloromethane	10.73	129	157676	18.67	ug/l	86
60) 1,2-Dibromoethane	10.82	107	142119	20.25	ug/l	88
63) Tetrachloroethene	10.45	164	225406	20.10	ug/l	99
64) Chlorobenzene	11.25	112	720406	21.22	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.33	131	226751	20.58	ug/l	95
66) Ethyl Benzene	11.33	91	1513931	23.26	ug/l	98
67) m/p-Xylenes	11.45	106	1092559	45.14	ug/l	97
68) o-Xylene	11.77	106	497816	21.92	ug/l	99
69) Stvrene	11.78	104	777960	22.12	ug/l #	88
70) Bromoform	11.95	173	84237	20.12	ug/l #	90
72) Isopropylbenzene	12.08	105	1482675	23.32	ug/l	97
73) N-amyl acetate	11.90	43	219369	20.93	ug/l	92
74) 1,1,2,2-Tetrachloroethane	12.32	83	199851	21.36	ug/l	99
75) 1,2,3-Trichloropropane	12.37	75	135650m	20.25	ug/l	
76) Bromobenzene	12.35	156	261094	20.74	ug/l	91
77) n-propylbenzene	12.41	91	1927877	20.73	ug/l	89
78) 2-Chlorotoluene	12.49	91	1040791	22.30	ug/l	98
79) 1,3,5-Trimethylbenzene	12.56	105	1270667	23.02	ug/l	100
80) trans-1,4-Dichloro-2-buten	12.12	75	48897	19.41	ug/l	97
81) 4-Chlorotoluene	12.60	91	1240129	21.87	ug/l	99
82) tert-Butylbenzene	12.82	119	1274669	26.50	ug/l	97
83) 1,2,4-Trimethylbenzene	12.86	105	1273913	22.76	ug/l	100
84) sec-Butylbenzene	13.00	105	1583869	23.37	ug/l	96
85) p-Isopropyltoluene	13.12	119	1306124	22.92	ug/l	97
86) 1,3-Dichlorobenzene	13.10	146	551445	20.76	ug/l	99
87) 1,4-Dichlorobenzene	13.19	146	540243	20.92	ug/l	99
88) n-Butylbenzene	13.44	91	1440502	23.60	ug/l	95
89) Hexachloroethane	13.70	117	195496	19.78	ug/l	97
90) 1,2-Dichlorobenzene	13.47	146	469461	21.14	ug/l	97
91) 1,2-Dibromo-3-Chloropropan	14.09	75	26661	19.77	ug/l	82
92) 1,2,4-Trichlorobenzene	14.73	180	283078	19.07	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	211298	19.49	ug/l	93
94) Naphthalene	14.94	128	449213	18.74	ug/l	100
95) 1,2,3-Trichlorobenzene	15.12	180	238121	19.44	ug/l	98

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

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