

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
 Data File : VT019069.D
 Acq On : 10 May 2018 11:32
 Operator : SY/MD
 Sample : VT0510SBS01
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT0510SBS01

Quant Time: May 25 17:36:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 10 07:01:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.44	168	880838	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1499688	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1263512	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	601200	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	451453	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
34) Dibromofluoromethane	7.35	113	448429	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
49) Toluene-d8	9.90	98	1969347	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
61) 4-Bromofluorobenzene	12.22	95	728654	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.79	85	219071	19.44	ug/l	99
3) Chloromethane	1.95	50	94625	24.64	ug/l	88
4) Vinyl Chloride	2.09	62	131242	21.12	ug/l	88
5) Bromomethane	2.44	94	111448	21.98	ug/l	97
6) Chloroethane	2.57	64	80800	21.19	ug/l	94
7) Trichlorofluoromethane	2.92	101	404136m	24.22	ug/l	
8) Diethyl Ether	3.21	74	57388	22.66	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.59	101	215844	26.69	ug/l	92
10) Methyl Iodide	3.76	142	290575	24.76	ug/l	99
11) Tert butyl alcohol	4.53	59	33565	79.38	ug/l #	88
12) 1,1-Dichloroethene	3.56	96	185620	25.85	ug/l	92
13) Acrolein	3.39	56	23897	115.77	ug/l	84
14) Allyl chloride	4.06	41	366562	23.66	ug/l	91
15) Acrylonitrile	4.69	53	161877	99.38	ug/l	93
16) Acetone	3.59	43	104362	117.58	ug/l #	87
17) Carbon Disulfide	4.06	76	634043m	21.39	ug/l	
18) Methyl Acetate	4.08	43	87870	19.27	ug/l	94
19) Methyl tert-butyl Ether	4.75	73	331387	18.42	ug/l	95
20) Methylene Chloride	4.29	84	203255	21.26	ug/l	94
21) trans-1,2-Dichloroethene	4.74	96	235329	22.20	ug/l	98
22) Diisopropyl ether	5.67	45	601226	20.92	ug/l	96
23) Vinyl Acetate	5.61	43	1343195	105.31	ug/l	99
24) 1,1-Dichloroethane	5.56	63	429559	21.38	ug/l	99
25) 2-Butanone	6.57	43	205203	102.66	ug/l	98
26) 2,2-Dichloropropane	6.55	77	196276	24.21	ug/l	98
27) cis-1,2-Dichloroethene	6.56	96	215980	20.73	ug/l	94
28) Bromochloromethane	6.94	49	138208	20.72	ug/l	98
29) Chloroform	7.13	83	410140	21.81	ug/l	97
30) Cyclohexane	7.43	56	466489	21.42	ug/l	98
31) 1,1,1-Trichloroethane	7.33	97	331291	22.80	ug/l	94
35) 1,1-Dichloropropene	7.56	75	388326	22.47	ug/l	97
36) Ethyl Acetate	6.67	43	79979	17.96	ug/l #	85
37) Carbon Tetrachloride	7.54	117	302269	21.40	ug/l	98
38) Methylcyclohexane	8.88	83	467822	22.68	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Benzene	7.82	78	970974	21.51	ug/l #	90
40) Methacrylonitrile	6.92	41	39853	16.45	ug/l #	81
41) 1,2-Dichloroethane	7.91	62	196295	20.02	ug/l	99
42) Isopropyl Acetate	7.96	43	136454	17.79	ug/l	96
43) Trichloroethene	8.63	130	220843	21.27	ug/l	99
44) 1,2-Dichloropropane	8.92	63	222867	21.06	ug/l	99
45) Dibromomethane	9.01	93	87942	21.13	ug/l	94
46) Bromodichloromethane	9.21	83	252225	20.86	ug/l #	99
47) Methyl methacrylate	9.01	41	77764	19.62	ug/l	94
48) 1,4-Dioxane	9.00	88	16359	334.45	ug/l #	74
50) 4-Methyl-2-Pentanone	9.80	43	404446	96.18	ug/l	96
51) Toluene	9.97	92	551863	21.15	ug/l	94
52) t-1,3-Dichloropropene	10.19	75	212095	19.29	ug/l	96
53) cis-1,3-Dichloropropene	9.65	75	281795	20.12	ug/l	98
54) 1,1,2-Trichloroethane	10.38	97	125582	19.88	ug/l	96
55) Ethyl methacrylate	10.25	69	139910	18.48	ug/l	100
56) 1,3-Dichloropropane	10.53	76	228684	20.23	ug/l	95
57) 2-Chloroethyl Vinyl ether	9.51	63	354716	101.69	ug/l	99
58) 2-Hexanone	10.57	43	320305	105.05	ug/l	97
59) Dibromochloromethane	10.73	129	118372	18.02	ug/l	94
60) 1,2-Dibromoethane	10.82	107	106804	19.56	ug/l	100
63) Tetrachloroethene	10.45	164	169082	19.56	ug/l	92
64) Chlorobenzene	11.25	112	561099	21.44	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.33	131	175962	20.71	ug/l	97
66) Ethyl Benzene	11.33	91	1222427	24.36	ug/l	99
67) m/p-Xylenes	11.45	106	844777	45.27	ug/l	87
68) o-Xylene	11.77	106	382921	21.87	ug/l	93
69) Stvrene	11.79	104	603219	22.25	ug/l	99
70) Bromoform	11.95	173	60827	18.85	ug/l	96
72) Isopropylbenzene	12.08	105	1210500	24.94	ug/l	98
73) N-amyl acetate	11.90	43	163782	20.47	ug/l	97
74) 1,1,2,2-Tetrachloroethane	12.32	83	152754	21.38	ug/l	92
75) 1,2,3-Trichloropropane	12.37	75	108435m	21.21	ug/l	
76) Bromobenzene	12.35	156	199440	20.75	ug/l	90
77) n-propylbenzene	12.42	91	1584780	22.34	ug/l	96
78) 2-Chlorotoluene	12.49	91	843809	23.69	ug/l	100
79) 1,3,5-Trimethylbenzene	12.56	105	1020663	24.22	ug/l	96
80) trans-1,4-Dichloro-2-buten	12.12	75	35646	18.54	ug/l	85
81) 4-Chlorotoluene	12.60	91	1017421	23.50	ug/l	96
82) tert-Butylbenzene	12.82	119	1039574	28.31	ug/l	98
83) 1,2,4-Trimethylbenzene	12.86	105	1030746	24.12	ug/l	96
84) sec-Butylbenzene	13.00	105	1320099	25.51	ug/l	95
85) p-Isopropyltoluene	13.12	119	1075382	24.72	ug/l	97
86) 1,3-Dichlorobenzene	13.10	146	438732	21.63	ug/l	99
87) 1,4-Dichlorobenzene	13.19	146	427290	21.68	ug/l	98
88) n-Butylbenzene	13.44	91	1158460	24.86	ug/l	97
89) Hexachloroethane	13.70	117	150862	19.99	ug/l	96
90) 1,2-Dichlorobenzene	13.47	146	367420	21.67	ug/l	99
91) 1,2-Dibromo-3-Chloropropan	14.09	75	18498	17.97	ug/l	93
92) 1,2,4-Trichlorobenzene	14.73	180	224539	19.82	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	167427	20.23	ug/l	98
94) Naphthalene	14.95	128	318791	17.42	ug/l	96
95) 1,2,3-Trichlorobenzene	15.12	180	175599	18.77	ug/l	93

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

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