

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
 Data File : VT019067.D
 Acq On : 10 May 2018 10:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 6.83g/5mL/MSVOA T/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTD05008

Quant Time: May 10 15:14:13 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	935085	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1619172	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1383873	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	660791	50.00	ug/l	0.00

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.80	65	468948	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
34) Dibromofluoromethane	7.35	113	467928	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
49) Toluene-d8	9.91	98	2139500	55.00	ug/l	0.01
Spiked Amount	50.000		Recovery	=	110.00%	
61) 4-Bromofluorobenzene	12.22	95	778381	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.78	85	715481	59.81	ug/l	99
3) Chloromethane	1.96	50	268635	65.90	ug/l	90
4) Vinyl Chloride	2.11	62	385301	58.41	ug/l	100
5) Bromomethane	2.46	94	310391	57.66	ug/l	98
6) Chloroethane	2.59	64	227039	56.10	ug/l	92
7) Trichlorofluoromethane	2.85	101	1152883m	65.09	ug/l	
8) Diethyl Ether	3.21	74	142814	53.13	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.59	101	557256	64.90	ug/l	94
10) Methyl Iodide	3.76	142	733092	58.84	ug/l	96
11) Tert butyl alcohol	4.53	59	79563	177.24	ug/l	98
12) 1,1-Dichloroethene	3.56	96	470200	61.69	ug/l	94
13) Acrolein	3.39	56	50154	228.87	ug/l	96
14) Allyl chloride	4.06	41	939952	57.15	ug/l	95
15) Acrylonitrile	4.69	53	433280	250.56	ug/l	97
16) Acetone	3.60	43	306654	325.45	ug/l #	86
17) Carbon Disulfide	4.06	76	1638652m	52.08	ug/l	
18) Methyl Acetate	4.08	43	231391	47.80	ug/l	96
19) Methyl tert-butyl Ether	4.76	73	963351	50.43	ug/l	99
20) Methylene Chloride	4.28	84	506761	49.94	ug/l	97
21) trans-1,2-Dichloroethene	4.75	96	610715	54.26	ug/l	97
22) Diisopropyl ether	5.67	45	1672161	54.80	ug/l	99
23) Vinyl Acetate	5.61	43	3629900	268.08	ug/l	99
24) 1,1-Dichloroethane	5.57	63	1125218	52.75	ug/l	99
25) 2-Butanone	6.57	43	605981	285.59	ug/l	95
26) 2,2-Dichloropropane	6.55	77	523084	60.78	ug/l	99
27) cis-1,2-Dichloroethene	6.56	96	604433	54.66	ug/l	94
28) Bromochloromethane	6.94	49	389904	55.05	ug/l	91
29) Chloroform	7.13	83	1058816	53.04	ug/l	97
30) Cyclohexane	7.43	56	1250511	54.09	ug/l	97
31) 1,1,1-Trichloroethane	7.33	97	876228	56.81	ug/l	99
35) 1,1-Dichloropropene	7.57	75	991260	53.13	ug/l	98
36) Ethyl Acetate	6.67	43	232688	48.39	ug/l #	94
37) Carbon Tetrachloride	7.54	117	834173	54.71	ug/l	98
38) Methylcyclohexane	8.88	83	1214220	54.52	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	7.82	78	2557848	52.47	ug/l	98
40) Methacrylonitrile	6.96	41	302796	113.45	ug/l #	40
41) 1,2-Dichloroethane	7.91	62	536640	50.68	ug/l	98
42) Isopropyl Acetate	7.96	43	410889	49.62	ug/l	99
43) Trichloroethene	8.63	130	575637	51.34	ug/l	94
44) 1,2-Dichloropropane	8.92	63	593568	51.94	ug/l	100
45) Dibromomethane	9.01	93	226640	50.45	ug/l	97
46) Bromodichloromethane	9.21	83	683482	52.35	ug/l	96
47) Methyl methacrylate	9.01	41	211424	49.40	ug/l	98
48) 1,4-Dioxane	9.01	88	40415	779.93	ug/l	96
50) 4-Methyl-2-Pentanone	9.80	43	1135900	250.19	ug/l	100
51) Toluene	9.97	92	1511283	53.65	ug/l	97
52) t-1,3-Dichloropropene	10.19	75	636872	53.65	ug/l	96
53) cis-1,3-Dichloropropene	9.65	75	810830	53.63	ug/l	98
54) 1,1,2-Trichloroethane	10.38	97	331437	48.59	ug/l	95
55) Ethyl methacrylate	10.25	69	421751	51.60	ug/l	96
56) 1,3-Dichloropropane	10.53	76	631367	51.73	ug/l	98
57) 2-Chloroethyl Vinyl ether	9.51	63	942213	250.17	ug/l	97
58) 2-Hexanone	10.57	43	985608	299.40	ug/l	99
59) Dibromochloromethane	10.73	129	354584	49.98	ug/l	96
60) 1,2-Dibromoethane	10.82	107	299235	50.75	ug/l	98
63) Tetrachloroethene	10.45	164	461866	48.78	ug/l	96
64) Chlorobenzene	11.25	112	1544051	53.87	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.33	131	501043	53.85	ug/l	98
66) Ethyl Benzene	11.33	91	3259268	59.29	ug/l	99
67) m/p-Xylenes	11.45	106	2309250	112.98	ug/l	97
68) o-Xylene	11.77	106	1055442	55.04	ug/l	96
69) Stvrene	11.79	104	1660652	55.93	ug/l	98
70) Bromoform	11.95	173	176253	49.86	ug/l	92
72) Isopropylbenzene	12.08	105	3178002	59.57	ug/l	99
73) N-amyl acetate	11.90	43	439046	49.92	ug/l	95
74) 1,1,2,2-Tetrachloroethane	12.32	83	390324	49.71	ug/l	96
75) 1,2,3-Trichloropropane	12.37	75	294054m	52.32	ug/l	
76) Bromobenzene	12.35	156	541678	51.27	ug/l	93
77) n-propylbenzene	12.42	91	4075045	57.44	ug/l	99
78) 2-Chlorotoluene	12.49	91	2280363	58.24	ug/l	100
79) 1,3,5-Trimethylbenzene	12.56	105	2758961	59.56	ug/l	97
80) trans-1,4-Dichloro-2-buten	12.12	75	108470	51.32	ug/l	87
81) 4-Chlorotoluene	12.60	91	2678428	56.29	ug/l	99
82) tert-Butylbenzene	12.82	119	2832001	70.15	ug/l	99
83) 1,2,4-Trimethylbenzene	12.86	105	2746889	58.49	ug/l	98
84) sec-Butylbenzene	13.00	105	3465604	60.94	ug/l	98
85) p-Isopropyltoluene	13.12	119	2911154	60.89	ug/l	98
86) 1,3-Dichlorobenzene	13.11	146	1197748	53.74	ug/l	99
87) 1,4-Dichlorobenzene	13.19	146	1154311	53.28	ug/l	97
88) n-Butylbenzene	13.44	91	3148904	61.47	ug/l	97
89) Hexachloroethane	13.70	117	474031	57.16	ug/l	93
90) 1,2-Dichlorobenzene	13.47	146	978817	52.53	ug/l	99
91) 1,2-Dibromo-3-Chloropropan	14.09	75	59936	52.97	ug/l	87
92) 1,2,4-Trichlorobenzene	14.73	180	647785	52.02	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	491158	53.98	ug/l	98
94) Naphthalene	14.94	128	1014330	50.42	ug/l	98
95) 1,2,3-Trichlorobenzene	15.12	180	528371	51.40	ug/l	96

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

