

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050818\
 Data File : VT019040.D
 Acq On : 8 May 2018 17:16
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5mL/MSVOA T/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC005

Quant Time: May 09 04:03:39 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	1103726	50.00	ug/l	0.00
33) 1,4-Difluorobenzene	8.38	114	1870873	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1607050	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	748882	50.00	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.80	65	50964	5.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.28%	
34) Dibromofluoromethane	7.37	113	47194	4.66	ug/l	0.01
Spiked Amount	50.000		Recovery	=	9.32%	
49) Toluene-d8	9.90	98	219862	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	
61) 4-Bromofluorobenzene	12.23	95	74995	4.86	ug/l	0.01
Spiked Amount	50.000		Recovery	=	9.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.79	85	79028	7.70	ug/l	95
3) Chloromethane	1.96	50	23277	2.46	ug/l	# 73
4) Vinyl Chloride	2.10	62	40195	3.95	ug/l	100
5) Bromomethane	2.44	94	32154	5.65	ug/l	92
6) Chloroethane	2.57	64	25184	4.75	ug/l	# 79
7) Trichlorofluoromethane	2.92	101	103649m	8.86	ug/l	
8) Diethyl Ether	3.21	74	15407	3.64	ug/l	70
9) 1,1,2-Trichlorotrifluoroet	3.60	101	53576	5.31	ug/l	92
10) Methyl Iodide	3.77	142	71212	4.55	ug/l	94
11) Tert butyl alcohol	4.53	59	12818	26.54	ug/l	# 62
12) 1,1-Dichloroethene	3.54	96	41583	3.99	ug/l	# 71
13) Acrolein	3.40	56	7135m	10.71	ug/l	
14) Allyl chloride	4.06	41	97376	5.34	ug/l	97
15) Acrylonitrile	4.70	53	48382	22.16	ug/l	# 91
16) Acetone	3.59	43	35194	16.14	ug/l	# 82
17) Carbon Disulfide	4.06	76	167302m	5.83	ug/l	
18) Methyl Acetate	4.08	43	32122	3.46	ug/l	97
19) Methyl tert-butyl Ether	4.77	73	96965	4.91	ug/l	# 87
20) Methylene Chloride	4.29	84	68468	5.64	ug/l	# 87
21) trans-1,2-Dichloroethene	4.75	96	67212	5.99	ug/l	90
22) Diisopropyl ether	5.69	45	164388	5.10	ug/l	# 95
23) Vinyl Acetate	5.61	43	372028	31.05	ug/l	96
24) 1,1-Dichloroethane	5.56	63	127066	6.66	ug/l	97
25) 2-Butanone	6.57	43	65648	22.05	ug/l	96
26) 2,2-Dichloropropane	6.55	77	53052	5.91	ug/l	88
27) cis-1,2-Dichloroethene	6.56	96	60284	5.50	ug/l	97
28) Bromochloromethane	6.94	49	41972	5.39	ug/l	96
29) Chloroform	7.13	83	118126	6.77	ug/l	89
30) Cyclohexane	7.43	56	153532	7.08	ug/l	# 79
31) 1,1,1-Trichloroethane	7.33	97	84397	6.32	ug/l	# 89
35) 1,1-Dichloropropene	7.57	75	104680	5.66	ug/l	99
36) Ethyl Acetate	6.68	43	29783	4.36	ug/l	98
37) Carbon Tetrachloride	7.54	117	85378	5.52	ug/l	91
38) Methylcyclohexane	8.88	83	118668	5.02	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	7.82	78	295994	5.79	ug/l	99
40) Methacrylonitrile	6.90	41	15287	3.79	ug/l #	74
41) 1,2-Dichloroethane	7.91	62	63038	5.13	ug/l	91
42) Isopropyl Acetate	7.96	43	41561	3.71	ug/l #	91
43) Trichloroethene	8.63	130	61856	4.78	ug/l	87
44) 1,2-Dichloropropane	8.93	63	65387	5.52	ug/l	96
45) Dibromomethane	9.01	93	25744	4.95	ug/l	89
46) Bromodichloromethane	9.21	83	74093	5.48	ug/l #	97
47) Methyl methacrylate	9.01	41	20831	3.28	ug/l #	88
48) 1,4-Dioxane	9.01	88	8472	120.99	ug/l #	78
50) 4-Methyl-2-Pentanone	9.80	43	129299	19.46	ug/l	93
51) Toluene	9.97	92	152950	4.83	ug/l	97
52) t-1,3-Dichloropropene	10.19	75	60146	4.62	ug/l	90
53) cis-1,3-Dichloropropene	9.65	75	76458	4.65	ug/l	94
54) 1,1,2-Trichloroethane	10.38	97	42300	5.45	ug/l	91
55) Ethyl methacrylate	10.25	69	39206	4.14	ug/l	96
56) 1,3-Dichloropropane	10.53	76	67094	4.98	ug/l	95
57) 2-Chloroethyl Vinyl ether	9.51	63	100682	25.54	ug/l	95
58) 2-Hexanone	10.57	43	92438	18.42	ug/l	91
59) Dibromochloromethane	10.73	129	38611	4.31	ug/l	98
60) 1,2-Dibromoethane	10.82	107	32759	4.58	ug/l	89
63) Tetrachloroethene	10.45	164	45495	3.88	ug/l	92
64) Chlorobenzene	11.25	112	163205	4.71	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.33	131	49779	4.57	ug/l	92
66) Ethyl Benzene	11.33	91	310597	5.14	ug/l	95
67) m/p-Xylenes	11.45	106	223506	9.26	ug/l	76
68) o-Xylene	11.77	106	103487	4.71	ug/l	93
69) Stvrene	11.79	104	158373	4.33	ug/l	93
70) Bromoform	11.95	173	17348	3.13	ug/l #	91
72) Isopropylbenzene	12.08	105	299298	5.41	ug/l	96
73) N-amyl acetate	11.90	43	44303	4.19	ug/l	94
74) 1,1,2,2-Tetrachloroethane	12.32	83	45793	5.43	ug/l	98
75) 1,2,3-Trichloropropane	12.37	75	27968m	4.73	ug/l	
76) Bromobenzene	12.35	156	55925	4.55	ug/l	96
77) n-propylbenzene	12.42	91	397400	5.96	ug/l	100
78) 2-Chlorotoluene	12.49	91	215290	5.75	ug/l	97
79) 1,3,5-Trimethylbenzene	12.56	105	253846	5.34	ug/l	95
80) trans-1,4-Dichloro-2-buten	12.12	75	10802	4.18	ug/l	97
81) 4-Chlorotoluene	12.60	91	280177	6.23	ug/l	93
82) tert-Butylbenzene	12.82	119	213037m	5.05	ug/l	
83) 1,2,4-Trimethylbenzene	12.86	105	260930	5.43	ug/l	98
84) sec-Butylbenzene	13.00	105	318804	5.33	ug/l	92
85) p-Isopropyltoluene	13.12	119	269901	5.13	ug/l	94
86) 1,3-Dichlorobenzene	13.11	146	128394	5.03	ug/l	93
87) 1,4-Dichlorobenzene	13.19	146	119443	4.70	ug/l	97
88) n-Butylbenzene	13.44	91	287623	5.90	ug/l	92
89) Hexachloroethane	13.70	117	40151	4.68	ug/l	90
90) 1,2-Dichlorobenzene	13.47	146	103150	4.69	ug/l	98
91) 1,2-Dibromo-3-Chloropropan	14.09	75	5267	4.12	ug/l	80
92) 1,2,4-Trichlorobenzene	14.73	180	62691	4.26	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Hexachlorobutadiene	14.83	225	48090	4.97	ug/l	95
94) Naphthalene	14.94	128	102268	4.23	ug/l	96
95) 1,2,3-Trichlorobenzene	15.12	180	58383	4.64	ug/l	89

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

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