

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002282.D
 Acq On : 08 May 2018 01:26
 Operator : JC/SY
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: May 08 03:33:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:17:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	372469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	349662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188475	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	181796	85.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.40%	
35) Dibromofluoromethane	7.88	113	169334	72.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.92%	
50) Toluene-d8	10.33	98	661986	75.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.82%	
62) 4-Bromofluorobenzene	12.63	95	238672	70.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	68773	36.27	ug/l	98
3) Chloromethane	2.21	50	131081	73.51	ug/l	97
4) Vinyl Chloride	2.36	62	221861	110.78	ug/l	98
5) Bromomethane	2.78	94	176742	110.88	ug/l	99
6) Chloroethane	2.92	64	154289	127.55	ug/l	100
7) Trichlorofluoromethane	3.25	101	95048	28.49	ug/l	95
8) Diethyl Ether	3.67	74	95792	100.31	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	153609	68.80	ug/l	99
10) Methyl Iodide	4.26	142	256586	102.76	ug/l	100
11) Tert butyl alcohol	5.18	59	56605	426.39	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	153550	79.54	ug/l	95
13) Acrolein	3.89	56	36597	341.77	ug/l	99
14) Allyl chloride	4.66	41	230651	95.91	ug/l	100
15) Acrylonitrile	5.37	53	188717	522.58	ug/l	99
16) Acetone	4.12	43	158296	372.72	ug/l	99
17) Carbon Disulfide	4.37	76	454227	74.98	ug/l	99
18) Methyl Acetate	4.67	43	100614	107.75	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	270455	69.03	ug/l	100
20) Methylene Chloride	4.91	84	158362m	66.01	ug/l	
21) trans-1,2-Dichloroethene	5.42	96	168122	78.06	ug/l	99
22) Diisopropyl ether	6.31	45	502944	104.76	ug/l	99
23) Vinyl Acetate	6.26	43	1525222	596.68	ug/l	99
24) 1,1-Dichloroethane	6.21	63	300757	85.86	ug/l	98
25) 2-Butanone	7.17	43	251432	531.91	ug/l	99
26) 2,2-Dichloropropane	7.17	77	148848	45.47	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	184998	81.15	ug/l	98
28) Bromochloromethane	7.51	49	131159	106.62	ug/l	97
29) Tetrahydrofuran	7.53	42	166576	606.12	ug/l	99
30) Chloroform	7.67	83	318004	78.49	ug/l	100
31) Cyclohexane	7.95	56	254817	80.29	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	239449	61.58	ug/l	99
36) 1,1-Dichloropropene	8.08	75	239256	69.38	ug/l	99
37) Ethyl Acetate	7.25	43	115061	105.12	ug/l	99
38) Carbon Tetrachloride	8.07	117	235723	56.52	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	283416	72.20	ug/l	99
40) Benzene	8.32	78	693085	72.81	ug/l	99
41) Methacrylonitrile	7.48	41	63737	105.04	ug/l	92
42) 1,2-Dichloroethane	8.40	62	215307	73.35	ug/l	99
43) Isopropyl Acetate	8.43	43	223562	102.93	ug/l	99
44) Trichloroethene	9.09	130	190027	63.22	ug/l	100
45) 1,2-Dichloropropane	9.37	63	173454	79.97	ug/l	95
46) Dibromomethane	9.46	93	96703	78.28	ug/l	99
47) Bromodichloromethane	9.65	83	232706	70.36	ug/l	98
48) Methyl methacrylate	9.44	41	108575	103.23	ug/l	99
49) 1,4-Dioxane	9.45	88	31272	1649.36	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	602532	551.57	ug/l	99
52) Toluene	10.39	92	445132	70.90	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	233715	78.24	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	262307	76.59	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	135618	74.81	ug/l	98
56) Ethyl methacrylate	10.65	69	175834	93.75	ug/l	100
57) 1,3-Dichloropropane	10.94	76	231200	81.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	297379	364.20	ug/l	100
59) 2-Hexanone	10.98	43	417430	533.02	ug/l	100
60) Dibromochloromethane	11.13	129	164333	67.38	ug/l	100
61) 1,2-Dibromoethane	11.24	107	133357	79.34	ug/l	100
64) Tetrachloroethene	10.87	164	187466	62.93	ug/l	98
65) Chlorobenzene	11.66	112	500848	67.43	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	181616	64.51	ug/l	99
67) Ethyl Benzene	11.74	91	877522	72.36	ug/l	100
68) m/p-Xylenes	11.85	106	683682	140.07	ug/l	100
69) o-Xylene	12.18	106	324931	73.95	ug/l	99
70) Styrene	12.19	104	547556	74.84	ug/l	99
71) Bromoform	12.36	173	104353	67.34	ug/l	# 100
73) Isopropylbenzene	12.48	105	889524	76.30	ug/l	100
74) N-amyl acetate	12.28	43	223861	118.51	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	163129	91.89	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	102143m	80.06	ug/l	
77) Bromobenzene	12.76	156	216856	71.11	ug/l	98
78) n-propylbenzene	12.82	91	1057329	77.58	ug/l	100
79) 2-Chlorotoluene	12.90	91	607299	75.89	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	757614	74.45	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	45768	96.41	ug/l	97
82) 4-Chlorotoluene	13.00	91	641316	71.03	ug/l	100
83) tert-Butylbenzene	13.22	119	652806	73.08	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	783092	74.86	ug/l	100
85) sec-Butylbenzene	13.40	105	930760	75.14	ug/l	99
86) p-Isopropyltoluene	13.51	119	839941	73.74	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	433334	69.35	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	428619	68.75	ug/l	99
89) n-Butylbenzene	13.83	91	779999	76.48	ug/l	100
90) Hexachloroethane	14.10	117	148329	67.10	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	388254	71.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	28190	84.76	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	272713	68.34	ug/l	99
94) Hexachlorobutadiene	15.26	225	151827	54.59	ug/l	99
95) Naphthalene	15.38	128	521533	87.68	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	243566	71.40	ug/l	100

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

