

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002287.D
 Acq On : 08 May 2018 11:46
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: May 08 16:01:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	272415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	354443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192944	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	130884	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
35) Dibromofluoromethane	7.88	113	129684	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.33	98	519315	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
62) 4-Bromofluorobenzene	12.63	95	181823	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	72780	70.69	ug/l	97
3) Chloromethane	2.21	50	114503	54.77	ug/l	100
4) Vinyl Chloride	2.36	62	179739	52.13	ug/l	98
5) Bromomethane	2.78	94	139260	50.22	ug/l	97
6) Chloroethane	2.92	64	118631	50.99	ug/l	94
7) Trichlorofluoromethane	3.25	101	96568	68.57	ug/l	96
8) Diethyl Ether	3.67	74	64568	40.96	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	132117	53.13	ug/l	99
10) Methyl Iodide	4.26	142	204793	50.75	ug/l	100
11) Tert butyl alcohol	5.17	59	39084	185.88	ug/l #	78
12) 1,1-Dichloroethene	4.03	96	127870	51.86	ug/l	98
13) Acrolein	3.89	56	36779	208.92	ug/l	100
14) Allyl chloride	4.66	41	195431	53.94	ug/l	99
15) Acrylonitrile	5.36	53	123532	199.79	ug/l	98
16) Acetone	4.12	43	157129	278.12	ug/l	97
17) Carbon Disulfide	4.37	76	381248	53.17	ug/l	99
18) Methyl Acetate	4.67	43	65690	38.75	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	190752	44.25	ug/l	98
20) Methylene Chloride	4.91	84	124015	45.53	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	135511	50.91	ug/l	98
22) Diisopropyl ether	6.31	45	373391	47.01	ug/l	97
23) Vinyl Acetate	6.25	43	1095719	230.36	ug/l	99
24) 1,1-Dichloroethane	6.21	63	236716	49.15	ug/l	98
25) 2-Butanone	7.17	43	175220	208.87	ug/l	100
26) 2,2-Dichloropropane	7.17	77	149240	62.17	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	145518	48.50	ug/l	98
28) Bromochloromethane	7.51	49	91099	41.82	ug/l #	98
29) Tetrahydrofuran	7.52	42	104269	189.51	ug/l	99
30) Chloroform	7.67	83	238898	47.38	ug/l	98
31) Cyclohexane	7.95	56	222278	51.71	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	202750	53.50	ug/l	98
36) 1,1-Dichloropropene	8.08	75	196826	54.99	ug/l	100
37) Ethyl Acetate	7.25	43	73007	41.85	ug/l	98
38) Carbon Tetrachloride	8.07	117	198111	57.23	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	245560	58.79	ug/l	100
40) Benzene	8.32	78	541908	51.79	ug/l	99
41) Methacrylonitrile	7.48	41	42206	42.22	ug/l	91
42) 1,2-Dichloroethane	8.40	62	152960	46.88	ug/l	100
43) Isopropyl Acetate	8.43	43	141895	42.88	ug/l	99
44) Trichloroethene	9.09	130	152470	53.45	ug/l	100
45) 1,2-Dichloropropane	9.37	63	130221	49.67	ug/l	96
46) Dibromomethane	9.46	93	68442	46.71	ug/l	98
47) Bromodichloromethane	9.65	83	174058	50.33	ug/l	96
48) Methyl methacrylate	9.44	41	70667	43.98	ug/l	97
49) 1,4-Dioxane	9.45	88	21992	944.74	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	372989	204.31	ug/l	100
52) Toluene	10.40	92	349261	52.56	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	173975	51.17	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	204692	52.66	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	93335	45.24	ug/l	97
56) Ethyl methacrylate	10.65	69	114005	44.70	ug/l	99
57) 1,3-Dichloropropane	10.94	76	160219	45.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	266833	215.54	ug/l	99
59) 2-Hexanone	10.98	43	279601	223.91	ug/l	100
60) Dibromochloromethane	11.13	129	117321	48.18	ug/l	99
61) 1,2-Dibromoethane	11.24	107	90638	44.94	ug/l	98
64) Tetrachloroethene	10.87	164	130356	47.79	ug/l	96
65) Chlorobenzene	11.66	112	386506	53.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	136119	52.73	ug/l	99
67) Ethyl Benzene	11.74	91	694341	55.78	ug/l	99
68) m/p-Xylenes	11.85	106	538175	112.05	ug/l	100
69) o-Xylene	12.18	106	251177	54.99	ug/l	99
70) Styrene	12.19	104	411238	54.22	ug/l	100
71) Bromoform	12.35	173	69710	47.09	ug/l #	99
73) Isopropylbenzene	12.48	105	713902	56.96	ug/l	100
74) N-amyl acetate	12.28	43	142765	45.52	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	107521	44.38	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	65940m	38.54	ug/l	
77) Bromobenzene	12.76	156	161151	51.01	ug/l	100
78) n-propylbenzene	12.82	91	862942	58.09	ug/l	100
79) 2-Chlorotoluene	12.90	91	475180	55.54	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	599663	56.88	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33421	51.45	ug/l	97
82) 4-Chlorotoluene	13.00	91	502997	55.28	ug/l	99
83) tert-Butylbenzene	13.22	119	530820	58.48	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	610437	55.85	ug/l	100
85) sec-Butylbenzene	13.40	105	763803	58.94	ug/l	99
86) p-Isopropyltoluene	13.51	119	679109	58.61	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	334619	53.51	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	328735	52.66	ug/l	99
89) n-Butylbenzene	13.83	91	659383	60.81	ug/l	100
90) Hexachloroethane	14.11	117	119766	57.80	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	289889	51.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	18725	44.71	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	209802	51.73	ug/l	98
94) Hexachlorobutadiene	15.26	225	129533	57.33	ug/l	99
95) Naphthalene	15.39	128	349775	46.91	ug/l	99
96) 1,2,3-Trichlorobenzene	15.58	180	177957	48.93	ug/l	100

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

