

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002346.D
 Acq On : 10 May 2018 00:05
 Operator : JC/SY
 Sample : VW0509SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBS01

Quant Time: May 10 07:26:19 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	200170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	301532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112355	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
35) Dibromofluoromethane	7.88	113	103994	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	10.33	98	395879	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.63	95	142851	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	12019	15.89	ug/l	91
3) Chloromethane	2.21	50	31966	20.81	ug/l	96
4) Vinyl Chloride	2.36	62	48531	19.15	ug/l	97
5) Bromomethane	2.77	94	45305	22.23	ug/l	99
6) Chloroethane	2.92	64	36459	21.33	ug/l	98
7) Trichlorofluoromethane	3.24	101	18239	17.63	ug/l	96
8) Diethyl Ether	3.67	74	32010	27.64	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.05	101	35913	19.65	ug/l	99
10) Methyl Iodide	4.25	142	63137	21.29	ug/l	99
11) Tert butyl alcohol	5.18	59	16203	104.87	ug/l #	78
12) 1,1-Dichloroethene	4.03	96	36162	19.96	ug/l	98
13) Acrolein	3.88	56	13077	101.09	ug/l	100
14) Allyl chloride	4.65	41	53736	20.18	ug/l	98
15) Acrylonitrile	5.37	53	49055	107.97	ug/l	98
16) Acetone	4.12	43	45306	109.13	ug/l	92
17) Carbon Disulfide	4.37	76	105377	20.00	ug/l	100
18) Methyl Acetate	4.67	43	25734	20.66	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	68588	21.65	ug/l	99
20) Methylene Chloride	4.90	84	47293	23.63	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	41058	20.99	ug/l	94
22) Diisopropyl ether	6.31	45	125402	21.49	ug/l	98
23) Vinyl Acetate	6.25	43	374669	107.20	ug/l	99
24) 1,1-Dichloroethane	6.21	63	75252	21.27	ug/l	97
25) 2-Butanone	7.17	43	67480	109.47	ug/l	100
26) 2,2-Dichloropropane	7.17	77	36779	20.85	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	47394	21.50	ug/l	99
28) Bromochloromethane	7.51	49	33625	21.01	ug/l #	98
29) Tetrahydrofuran	7.53	42	43144	106.72	ug/l	100
30) Chloroform	7.67	83	80009	21.59	ug/l	97
31) Cyclohexane	7.95	56	59194	18.74	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	57888	20.79	ug/l	97
36) 1,1-Dichloropropene	8.08	75	56646	19.65	ug/l	99
37) Ethyl Acetate	7.26	43	28401	20.21	ug/l	98
38) Carbon Tetrachloride	8.06	117	54498	19.54	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	62482	18.57	ug/l	100
40) Benzene	8.32	78	174419	20.69	ug/l	99
41) Methacrylonitrile	7.48	41	15884	19.73	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	54037	20.56	ug/l	99
43) Isopropyl Acetate	8.43	43	55437	20.80	ug/l	99
44) Trichloroethene	9.09	130	46236	20.12	ug/l	99
45) 1,2-Dichloropropane	9.37	63	44449	21.05	ug/l	99
46) Dibromomethane	9.46	93	25373	21.50	ug/l	98
47) Bromodichloromethane	9.65	83	58016	20.83	ug/l	99
48) Methyl methacrylate	9.44	41	27038	20.89	ug/l	99
49) 1,4-Dioxane	9.45	88	8433	449.72	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	154488	105.05	ug/l	98
52) Toluene	10.40	92	108752	20.32	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	55913	20.41	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	64587	20.63	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	35104	21.12	ug/l	93
56) Ethyl methacrylate	10.65	69	41859	20.37	ug/l	99
57) 1,3-Dichloropropane	10.94	76	59588	21.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	102833	103.12	ug/l	99
59) 2-Hexanone	10.98	43	105195	104.58	ug/l	99
60) Dibromochloromethane	11.13	129	40544	20.67	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34728	21.38	ug/l	98
64) Tetrachloroethene	10.87	164	46853	20.19	ug/l	97
65) Chlorobenzene	11.66	112	126877	20.59	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	44209	20.13	ug/l	98
67) Ethyl Benzene	11.74	91	209364	19.77	ug/l	96
68) m/p-Xylenes	11.85	106	163377	39.98	ug/l	99
69) o-Xylene	12.18	106	77083	19.84	ug/l	99
70) Styrene	12.19	104	132021	20.46	ug/l	100
71) Bromoform	12.36	173	25164	19.98	ug/l #	98
73) Isopropylbenzene	12.48	105	208049	19.45	ug/l	100
74) N-amyl acetate	12.28	43	54687	20.43	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	42641	20.63	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31079m	21.28	ug/l	
77) Bromobenzene	12.76	156	55691	20.66	ug/l	98
78) n-propylbenzene	12.82	91	249493	19.68	ug/l	99
79) 2-Chlorotoluene	12.90	91	145341	19.91	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	182407	20.27	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11276	20.34	ug/l	96
82) 4-Chlorotoluene	13.00	91	156272	20.13	ug/l	99
83) tert-Butylbenzene	13.22	119	153905	19.87	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	187237	20.07	ug/l	99
85) sec-Butylbenzene	13.40	105	213805	19.33	ug/l	100
86) p-Isopropyltoluene	13.51	119	193621	19.58	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	108711	20.37	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	109323	20.52	ug/l	99
89) n-Butylbenzene	13.84	91	179610	19.41	ug/l	100
90) Hexachloroethane	14.10	117	35069	19.83	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	101878	21.04	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7828	21.90	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	71606	20.69	ug/l	97
94) Hexachlorobutadiene	15.26	225	38527	19.98	ug/l	99
95) Naphthalene	15.38	128	135901	21.36	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	65690	21.16	ug/l	99

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

