

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002311.D
 Acq On : 08 May 2018 23:59
 Operator : JC/SY
 Sample : VW0508SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0508SBS02

Quant Time: May 09 08:40:31 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	226469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	347039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	327179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175423	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121457	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	7.88	113	113012	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.33	98	430944	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.63	95	155493	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	16267	19.00	ug/l	96
3) Chloromethane	2.20	50	34023	19.57	ug/l	95
4) Vinyl Chloride	2.35	62	54387	18.97	ug/l	98
5) Bromomethane	2.77	94	47788	20.73	ug/l	97
6) Chloroethane	2.92	64	39776	20.56	ug/l	99
7) Trichlorofluoromethane	3.24	101	19944	17.04	ug/l	88
8) Diethyl Ether	3.67	74	30449	23.24	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.04	101	39773	19.24	ug/l	98
10) Methyl Iodide	4.26	142	66207	19.73	ug/l	100
11) Tert butyl alcohol	5.19	59	19524	111.69	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	40289	19.65	ug/l	89
13) Acrolein	3.89	56	14602	99.77	ug/l	94
14) Allyl chloride	4.65	41	56375	18.72	ug/l	100
15) Acrylonitrile	5.36	53	52806	102.73	ug/l	97
16) Acetone	4.12	43	46904	99.86	ug/l	96
17) Carbon Disulfide	4.36	76	114992	19.29	ug/l	99
18) Methyl Acetate	4.67	43	28192	20.01	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	74442	20.77	ug/l	97
20) Methylene Chloride	4.90	84	43946	19.41	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	44812	20.25	ug/l	98
22) Diisopropyl ether	6.31	45	133090	20.16	ug/l	99
23) Vinyl Acetate	6.25	43	406280	102.75	ug/l	98
24) 1,1-Dichloroethane	6.21	63	80259	20.05	ug/l	96
25) 2-Butanone	7.17	43	71040	101.86	ug/l	97
26) 2,2-Dichloropropane	7.16	77	38566	19.33	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	49891	20.00	ug/l	98
28) Bromochloromethane	7.51	49	36645	20.24	ug/l	100
29) Tetrahydrofuran	7.53	42	46620	101.92	ug/l	100
30) Chloroform	7.67	83	85466	20.39	ug/l	99
31) Cyclohexane	7.95	56	68400	19.14	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	62122	19.72	ug/l	98
36) 1,1-Dichloropropene	8.08	75	64745	20.63	ug/l	99
37) Ethyl Acetate	7.26	43	32690	21.37	ug/l	99
38) Carbon Tetrachloride	8.07	117	60425	19.91	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	71946	19.64	ug/l	97
40) Benzene	8.32	78	188576	20.55	ug/l	98
41) Methacrylonitrile	7.48	41	17882	20.40	ug/l	92
42) 1,2-Dichloroethane	8.40	62	58692	20.51	ug/l	99
43) Isopropyl Acetate	8.43	43	60211	20.75	ug/l	99
44) Trichloroethene	9.09	130	51225	20.48	ug/l	99
45) 1,2-Dichloropropane	9.37	63	45918	19.98	ug/l	96
46) Dibromomethane	9.46	93	26669	20.76	ug/l	97
47) Bromodichloromethane	9.65	83	61270	20.21	ug/l	98
48) Methyl methacrylate	9.44	41	29176	20.71	ug/l	99
49) 1,4-Dioxane	9.45	88	8167	400.12	ug/l	89
51) 4-Methyl-2-Pentanone	10.22	43	163394	102.07	ug/l	100
52) Toluene	10.39	92	120406	20.66	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	60445	20.27	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	67619	19.84	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	38086	21.05	ug/l	98
56) Ethyl methacrylate	10.65	69	46301	20.70	ug/l	98
57) 1,3-Dichloropropane	10.94	76	63433	20.62	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	111903	103.09	ug/l	99
59) 2-Hexanone	10.98	43	112708	102.94	ug/l	100
60) Dibromochloromethane	11.13	129	43300	20.28	ug/l	100
61) 1,2-Dibromoethane	11.24	107	37525	21.22	ug/l	98
64) Tetrachloroethene	10.87	164	50972	20.24	ug/l	98
65) Chlorobenzene	11.66	112	136315	20.39	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	48189	20.22	ug/l	99
67) Ethyl Benzene	11.74	91	230676	20.07	ug/l	100
68) m/p-Xylenes	11.85	106	179258	40.43	ug/l	99
69) o-Xylene	12.18	106	86989	20.63	ug/l	97
70) Styrene	12.19	104	140791	20.11	ug/l	100
71) Bromoform	12.36	173	27531	20.15	ug/l #	100
73) Isopropylbenzene	12.48	105	227684	19.98	ug/l	99
74) N-amyl acetate	12.28	43	57735	20.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	45306	20.57	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	34097m	21.92	ug/l	
77) Bromobenzene	12.76	156	58951	20.52	ug/l	99
78) n-propylbenzene	12.82	91	273094	20.22	ug/l	100
79) 2-Chlorotoluene	12.90	91	157699	20.27	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	192721	20.11	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11630	19.69	ug/l	96
82) 4-Chlorotoluene	13.00	91	166637	20.14	ug/l	99
83) tert-Butylbenzene	13.22	119	165498	20.05	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	202553	20.38	ug/l	99
85) sec-Butylbenzene	13.40	105	239691	20.34	ug/l	99
86) p-Isopropyltoluene	13.51	119	214458	20.36	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	115132	20.25	ug/l	97
88) 1,4-Dichlorobenzene	13.59	146	117109	20.63	ug/l	100
89) n-Butylbenzene	13.83	91	201409	20.43	ug/l	99
90) Hexachloroethane	14.10	117	37645	19.98	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	105436	20.44	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7680	20.17	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	77045	20.89	ug/l	99
94) Hexachlorobutadiene	15.25	225	41282	20.10	ug/l	98
95) Naphthalene	15.38	128	142206	20.98	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	67810	20.51	ug/l	100

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

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