

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002347.D
 Acq On : 10 May 2018 00:30
 Operator : JC/SY
 Sample : VW0509SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBSD01

Quant Time: May 10 07:28:27 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	225446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	343475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	318457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174103	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	118706	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	7.88	113	110832	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.33	98	422306	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.63	95	151582	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15230	17.87	ug/l	97
3) Chloromethane	2.21	50	33567	19.40	ug/l	96
4) Vinyl Chloride	2.36	62	52110	18.26	ug/l	99
5) Bromomethane	2.76	94	46073	20.08	ug/l	99
6) Chloroethane	2.92	64	39020	20.26	ug/l	97
7) Trichlorofluoromethane	3.24	101	21467	18.42	ug/l	98
8) Diethyl Ether	3.67	74	32751	25.11	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.04	101	39803	19.34	ug/l	99
10) Methyl Iodide	4.26	142	64639	19.35	ug/l	100
11) Tert butyl alcohol	5.19	59	18190	104.53	ug/l #	80
12) 1,1-Dichloroethene	4.03	96	39361	19.29	ug/l	97
13) Acrolein	3.88	56	14558	99.92	ug/l	97
14) Allyl chloride	4.65	41	53925	17.98	ug/l	96
15) Acrylonitrile	5.37	53	50813	99.30	ug/l	98
16) Acetone	4.12	43	49409	105.67	ug/l	98
17) Carbon Disulfide	4.37	76	110753	18.66	ug/l	99
18) Methyl Acetate	4.67	43	26270	18.73	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	70374	19.73	ug/l	99
20) Methylene Chloride	4.90	84	48246	21.40	ug/l	96
21) trans-1,2-Dichloroethene	5.40	96	43380	19.69	ug/l	96
22) Diisopropyl ether	6.31	45	128160	19.50	ug/l	98
23) Vinyl Acetate	6.26	43	389865	99.04	ug/l	100
24) 1,1-Dichloroethane	6.21	63	77180	19.37	ug/l	98
25) 2-Butanone	7.18	43	70638	101.75	ug/l	96
26) 2,2-Dichloropropane	7.17	77	38337	19.30	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	49000	19.74	ug/l	99
28) Bromochloromethane	7.51	49	34946	19.38	ug/l	99
29) Tetrahydrofuran	7.53	42	45264	99.41	ug/l	100
30) Chloroform	7.67	83	82417	19.75	ug/l	95
31) Cyclohexane	7.95	56	67500	18.97	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	61155	19.50	ug/l	100
36) 1,1-Dichloropropene	8.08	75	61994	19.96	ug/l	99
37) Ethyl Acetate	7.26	43	31247	20.64	ug/l	98
38) Carbon Tetrachloride	8.07	117	59234	19.72	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	71701	19.78	ug/l	97
40) Benzene	8.32	78	181177	19.95	ug/l	99
41) Methacrylonitrile	7.49	41	18642	21.49	ug/l	95
42) 1,2-Dichloroethane	8.40	62	57016	20.13	ug/l	100
43) Isopropyl Acetate	8.43	43	57363	19.97	ug/l	99
44) Trichloroethene	9.09	130	49146	19.85	ug/l	94
45) 1,2-Dichloropropane	9.37	63	46213	20.31	ug/l	90
46) Dibromomethane	9.46	93	26195	20.60	ug/l	98
47) Bromodichloromethane	9.65	83	59756	19.91	ug/l	93
48) Methyl methacrylate	9.45	41	28486	20.43	ug/l	99
49) 1,4-Dioxane	9.45	88	8882	439.67	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	159073	100.41	ug/l	99
52) Toluene	10.40	92	115540	20.04	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	58518	19.83	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	66011	19.57	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	36503	20.39	ug/l	97
56) Ethyl methacrylate	10.65	69	44321	20.02	ug/l	97
57) 1,3-Dichloropropane	10.94	76	61846	20.32	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	110899	103.22	ug/l	100
59) 2-Hexanone	10.98	43	110048	101.55	ug/l	99
60) Dibromochloromethane	11.13	129	43044	20.37	ug/l	96
61) 1,2-Dibromoethane	11.24	107	36114	20.63	ug/l	98
64) Tetrachloroethene	10.87	164	50737	20.70	ug/l	96
65) Chlorobenzene	11.66	112	130942	20.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	46177	19.91	ug/l	99
67) Ethyl Benzene	11.74	91	221121	19.77	ug/l	100
68) m/p-Xylenes	11.85	106	172838	40.05	ug/l	99
69) o-Xylene	12.18	106	81160	19.78	ug/l	100
70) Styrene	12.19	104	134887	19.79	ug/l	100
71) Bromoform	12.35	173	26504	19.93	ug/l	# 100
73) Isopropylbenzene	12.48	105	219338	19.40	ug/l	99
74) N-amyl acetate	12.28	43	56733	20.05	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	43568	19.93	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	33710m	21.83	ug/l	
77) Bromobenzene	12.76	156	56739	19.90	ug/l	99
78) n-propylbenzene	12.82	91	267253	19.94	ug/l	99
79) 2-Chlorotoluene	12.90	91	150301	19.47	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	188853	19.85	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11122	18.98	ug/l	95
82) 4-Chlorotoluene	13.00	91	162903	19.84	ug/l	100
83) tert-Butylbenzene	13.22	119	162273	19.81	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	194167	19.69	ug/l	99
85) sec-Butylbenzene	13.40	105	232131	19.85	ug/l	99
86) p-Isopropyltoluene	13.51	119	208189	19.91	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	113260	20.07	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	113739	20.19	ug/l	99
89) n-Butylbenzene	13.83	91	191468	19.57	ug/l	100
90) Hexachloroethane	14.11	117	37108	19.85	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	102783	20.08	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7840	20.75	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	76222	20.83	ug/l	100
94) Hexachlorobutadiene	15.26	225	41318	20.27	ug/l	97
95) Naphthalene	15.38	128	143231	21.29	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	67827	20.67	ug/l	99

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

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