

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012418\
 Data File : VW000980.D
 Acq On : 25 Jan 2018 05:20
 Operator : JC/SY
 Sample : J1289-11
 Misc : 5.20G/5.0ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-56-13.5-14.0

Quant Time: Jan 25 06:51:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	1963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	1167	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.25	65	45	2.39	ug/l	-0.05
Spiked Amount				50.000		
			Recovery	=	4.78%	
35) Dibromofluoromethane	7.89	113	26	4.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	8.16%	
50) Toluene-d8	10.34	98	701	27.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	55.76%	
62) 4-Bromofluorobenzene	12.63	95	608	66.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	132.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	825	43.59	ug/l	95
3) Chloromethane	2.21	50	57	3.41	ug/l #	43
4) Vinyl Chloride	2.42	62	28	1.80	ug/l #	43
5) Bromomethane	2.78	94	48	4.28	ug/l #	77
6) Chloroethane	3.02	64	20	2.31	ug/l #	42
7) Trichlorofluoromethane	3.26	101	53	1.85	ug/l #	72
8) Diethyl Ether	3.68	74	83	11.57	ug/l #	37
11) Tert butyl alcohol	5.20	59	837	410.22	ug/l #	76
12) 1,1-Dichloroethene	3.98	96	111	6.98	ug/l #	1
13) Acrolein	3.89	56	142	71.28	ug/l	92
14) Allyl chloride	4.63	41	91	3.67	ug/l #	23
16) Acetone	4.14	43	16788	Below Cal		97
17) Carbon Disulfide	4.37	76	4107	78.17	ug/l #	92
18) Methyl Acetate	4.55	43	309	22.33	ug/l #	49
19) Methyl tert-butyl Ether	5.42	73	50	1.22	ug/l #	55
20) Methylene Chloride	4.91	84	3996	247.64	ug/l	87
21) trans-1,2-Dichloroethene	5.55	96	51	2.76	ug/l #	1
25) 2-Butanone	7.17	43	5801	696.91	ug/l #	74
26) 2,2-Dichloropropane	7.15	77	4312	143.41	ug/l #	52
27) cis-1,2-Dichloroethene	7.21	96	25	1.31	ug/l #	1
29) Tetrahydrofuran	7.55	42	103	22.49	ug/l #	31
31) Cyclohexane	7.94	56	168	5.48	ug/l #	28
36) 1,1-Dichloropropene	7.96	75	218	21.95	ug/l #	40
37) Ethyl Acetate	7.26	43	943	168.19	ug/l #	69
38) Carbon Tetrachloride	7.96	117	138	12.59	ug/l #	12
40) Benzene	8.32	78	90	3.33	ug/l #	52
41) Methacrylonitrile	7.53	41	20	6.36	ug/l #	1
43) Isopropyl Acetate	8.52	43	50	5.26	ug/l #	52
48) Methyl methacrylate	9.40	41	131	28.70	ug/l #	30
51) 4-Methyl-2-Pentanone	10.22	43	715	130.74	ug/l #	76
52) Toluene	10.39	92	189	11.08	ug/l	99
53) t-1,3-Dichloropropene	10.70	75	19	2.11	ug/l #	43
54) cis-1,3-Dichloropropene	10.23	75	20	2.02	ug/l #	35
55) 1,1,2-Trichloroethane	10.72	97	261	46.43	ug/l #	16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

57) 1,3-Dichloropropane	11.08	76	240	26.14	ug/l #	42
59) 2-Hexanone	10.95	43	117	37.58	ug/l #	24
61) 1,2-Dibromoethane	11.08	107	73	12.46	ug/l #	2
65) Chlorobenzene	11.68	112	72	2.86	ug/l #	42
67) Ethyl Benzene	11.74	91	169	3.97	ug/l #	43
68) m/p-Xylenes	11.86	106	79	4.77	ug/l #	1
69) o-Xylene	12.18	106	19	1.25	ug/l #	1
70) Styrene	12.21	104	40	1.62	ug/l #	25
74) N-amyl acetate	12.26	43	85	4.64	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.98	83	19	1.18	ug/l #	26
76) 1,2,3-Trichloropropane	12.63	75	555	41.10	ug/l #	100
77) Bromobenzene	12.96	156	29	1.51	ug/l #	13
78) n-propylbenzene	12.82	91	200	2.20	ug/l #	51
79) 2-Chlorotoluene	12.90	91	58	1.13	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.96	105	188	2.93	ug/l	64
81) trans-1,4-Dichloro-2-buten	12.63	75	555	98.29	ug/l #	10
82) 4-Chlorotoluene	13.02	91	63	1.16	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.27	105	619	9.54	ug/l	67
85) sec-Butylbenzene	13.41	105	151	1.86	ug/l #	56
87) 1,3-Dichlorobenzene	13.60	146	267	7.02	ug/l #	44
88) 1,4-Dichlorobenzene	13.60	146	267	7.02	ug/l #	45
89) n-Butylbenzene	13.85	91	121	1.79	ug/l #	33
90) Hexachloroethane	14.18	117	49	3.66	ug/l #	7
95) Naphthalene	15.38	128	455	8.44	ug/l #	69

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

