

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005113.D
 Acq On : 05 Sep 2018 07:15
 Operator : SY/AP
 Sample : J4693-05
 Misc : 2.66G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(10-15)

Quant Time: Sep 05 07:47:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	1235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	2292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	3426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.54	152	8731	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	1325	129.42	ug/l	0.00
Spiked Amount			Recovery	=	258.84%	
35) Dibromofluoromethane	7.90	113	877	66.21	ug/l	0.00
Spiked Amount			Recovery	=	132.42%	
50) Toluene-d8	10.33	98	1919	31.44	ug/l	0.00
Spiked Amount			Recovery	=	62.88%	
62) 4-Bromofluorobenzene	12.62	95	14588	677.88	ug/l	0.00
Spiked Amount			Recovery	=	1355.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.22	50	381	26.38	ug/l	90
5) Bromomethane	2.77	94	19	Below Cal	#	81
6) Chloroethane	2.92	64	261	29.86	ug/l	100
10) Methyl Iodide	4.29	142	176	13.84	ug/l	# 44
11) Tert butyl alcohol	5.14	59	28	9.51	ug/l	# 72
12) 1,1-Dichloroethene	4.00	96	26	2.60	ug/l	# 1
13) Acrolein	3.90	56	20	30.10	ug/l	# 13
14) Allyl chloride	4.69	41	45	2.88	ug/l	# 1
16) Acetone	4.15	43	695	338.51	ug/l	# 39
17) Carbon Disulfide	4.39	76	407	11.70	ug/l	# 75
18) Methyl Acetate	4.70	43	30	4.97	ug/l	# 49
19) Methyl tert-butyl Ether	5.47	73	25	1.03	ug/l	# 53
20) Methylene Chloride	4.93	84	3066	235.50	ug/l	# 73
21) trans-1,2-Dichloroethene	5.43	96	67	5.51	ug/l	# 1
23) Vinyl Acetate	6.26	43	21	1.22	ug/l	# 71
24) 1,1-Dichloroethane	6.37	63	21	1.02	ug/l	# 82
25) 2-Butanone	7.14	43	77	21.62	ug/l	# 46
27) cis-1,2-Dichloroethene	7.12	96	50	3.76	ug/l	# 1
29) Tetrahydrofuran	7.57	42	22	12.09	ug/l	# 31
37) Ethyl Acetate	7.28	43	41	5.02	ug/l	# 66
38) Carbon Tetrachloride	7.98	117	62	2.99	ug/l	# 12
40) Benzene	8.36	78	79	1.18	ug/l	# 51
41) Methacrylonitrile	7.53	41	19	4.02	ug/l	# 23
43) Isopropyl Acetate	8.52	43	22	1.48	ug/l	# 48
48) Methyl methacrylate	9.45	41	49	6.85	ug/l	# 8
51) 4-Methyl-2-Pentanone	10.23	43	87	8.74	ug/l	# 34
53) t-1,3-Dichloropropene	10.73	75	796	41.21	ug/l	# 43
55) 1,1,2-Trichloroethane	10.76	97	2880	238.28	ug/l	# 22
56) Ethyl methacrylate	10.68	69	1417	102.76	ug/l	# 26
59) 2-Hexanone	10.95	43	15833	2351.30	ug/l	# 27
60) Dibromochloromethane	10.95	129	95	6.95	ug/l	# 10
61) 1,2-Dibromoethane	11.24	107	1097	100.53	ug/l	# 1
64) Tetrachloroethene	10.74	164	51	1.90	ug/l	# 1
65) Chlorobenzene	11.77	112	1388	18.00	ug/l	# 42

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005113.D
 Acq On : 05 Sep 2018 07:15
 Operator : SY/AP
 Sample : J4693-05
 Misc : 2.66G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(10-15)

Quant Time: Sep 05 07:47:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

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

67) Ethyl Benzene	11.74	91	360	2.76	ug/l #	43
68) m/p-Xylenes	11.83	106	101	1.93	ug/l #	1
73) Isopropylbenzene	12.46	105	2202	3.58	ug/l	91
74) N-amyl acetate	12.26	43	200448	1890.96	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.70	83	18097	193.10	ug/l #	63
76) 1,2,3-Trichloropropane	12.77	75	231	3.52	ug/l #	100
77) Bromobenzene	12.73	156	333	2.20	ug/l #	1
78) n-propylbenzene	12.81	91	11169	15.03	ug/l	82
79) 2-Chlorotoluene	12.94	91	10134	23.37	ug/l	92
80) 1,3,5-Trimethylbenzene	12.95	105	8688	16.32	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	59	2.17	ug/l #	1
82) 4-Chlorotoluene	12.99	91	2109	4.61	ug/l #	1
83) tert-Butylbenzene	13.45	119	4723	10.62	ug/l	90
84) 1,2,4-Trimethylbenzene	13.26	105	35369	65.23	ug/l	97
85) sec-Butylbenzene	13.39	105	95525	146.20	ug/l #	61
86) p-Isopropyltoluene	13.51	119	10398	17.98	ug/l	92
89) n-Butylbenzene	13.81	91	30780	57.42	ug/l #	1
90) Hexachloroethane	14.10	117	15040	156.55	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.51	75	539	36.80	ug/l #	1
95) Naphthalene	15.37	128	168	4.47	ug/l #	69

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

