

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001119.D
 Acq On : 29 Jan 2018 14:08
 Operator : JC/SY
 Sample : VSTDICC150
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 1/30/2018 5:46:54 PM

Quant Time: Jan 30 01:03:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 00:46:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	332491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	464240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	435428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	226587	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	466396	144.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.58%	
35) Dibromofluoromethane	7.88	113	421690	142.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.02%	
50) Toluene-d8	10.33	98	1657678	145.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.08%	
62) 4-Bromofluorobenzene	12.63	95	628184	149.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	393625	139.70	ug/l	99
3) Chloromethane	2.22	50	369321	150.05	ug/l	99
4) Vinyl Chloride	2.35	62	336392	137.28	ug/l	98
5) Bromomethane	2.72	94	135899	98.47	ug/l	97
6) Chloroethane	2.88	64	186017	133.77	ug/l	98
7) Trichlorofluoromethane	3.23	101	626752	137.64	ug/l	99
8) Diethyl Ether	3.67	74	171100	144.40	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.03	101	436219	144.02	ug/l	99
10) Methyl Iodide	4.25	142	511302	159.86	ug/l	100
11) Tert butyl alcohol	5.20	59	198675m	761.99	ug/l	
12) 1,1-Dichloroethene	4.01	96	385081	145.53	ug/l	100
13) Acrolein	3.89	56	309696	742.46	ug/l	98
14) Allyl chloride	4.65	41	595594	150.65	ug/l	99
15) Acrylonitrile	5.37	53	588755	731.89	ug/l	99
16) Acetone	4.13	43	637710	750.32	ug/l	99
17) Carbon Disulfide	4.36	76	1200235	146.04	ug/l	100
18) Methyl Acetate	4.67	43	291052	147.06	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	1072182	156.56	ug/l	99
20) Methylene Chloride	4.90	84	409070	150.48	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	419750	142.03	ug/l	99
22) Diisopropyl ether	6.32	45	1117588	147.55	ug/l	99
23) Vinyl Acetate	6.26	43	3522064	776.13	ug/l	100
24) 1,1-Dichloroethane	6.21	63	705157	142.67	ug/l	98
25) 2-Butanone	7.18	43	839632	752.62	ug/l	98
26) 2,2-Dichloropropane	7.17	77	682837	139.67	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	462564	146.74	ug/l	100
28) Bromochloromethane	7.51	49	292316	145.51	ug/l	99
29) Tetrahydrofuran	7.53	42	481052	755.07	ug/l	99
30) Chloroform	7.67	83	759933	141.89	ug/l	99
31) Cyclohexane	7.95	56	654957	136.55	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	730741	144.20	ug/l	99
36) 1,1-Dichloropropene	8.08	75	602177	143.68	ug/l	100
37) Ethyl Acetate	7.26	43	319531	144.20	ug/l	99
38) Carbon Tetrachloride	8.06	117	677995	144.84	ug/l	98

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001119.D
 Acq On : 29 Jan 2018 14:08
 Operator : JC/SY
 Sample : VSTDICC150
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 1/30/2018 5:46:54 PM

Quant Time: Jan 30 01:03:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 00:46:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	743693	150.28	ug/l	99
40) Benzene	8.32	78	1652727	142.42	ug/l	97
41) Methacrylonitrile	7.49	41	197979	161.07	ug/l	95
42) 1,2-Dichloroethane	8.40	62	527553	144.58	ug/l	99
43) Isopropyl Acetate	8.43	43	597571	156.77	ug/l	100
44) Trichloroethene	9.09	130	495142	142.11	ug/l	100
45) 1,2-Dichloropropane	9.37	63	407668	145.89	ug/l	98
46) Dibromomethane	9.46	93	252432	144.46	ug/l	98
47) Bromodichloromethane	9.65	83	593352	150.08	ug/l	99
48) Methyl methacrylate	9.44	41	293091	160.86	ug/l	99
49) 1,4-Dioxane	9.45	88	94460	3033.57	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	1630865	782.99	ug/l	99
52) Toluene	10.40	92	1082236	145.24	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	611648	153.32	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	669106	150.24	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	363033	145.73	ug/l	100
56) Ethyl methacrylate	10.65	69	485357	166.20	ug/l	100
57) 1,3-Dichloropropane	10.94	76	598573	147.80	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	1556921	750.39	ug/l	100
59) 2-Hexanone	10.98	43	1246587	791.10	ug/l	99
60) Dibromochloromethane	11.14	129	465867	153.48	ug/l	100
61) 1,2-Dibromoethane	11.24	107	377574	150.31	ug/l	99
64) Tetrachloroethene	10.87	164	461393	131.77	ug/l	98
65) Chlorobenzene	11.67	112	1257945	143.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	474241	147.88	ug/l	99
67) Ethyl Benzene	11.74	91	2190472	149.41	ug/l	98
68) m/p-Xylenes	11.85	106	1692965	296.40	ug/l	99
69) o-Xylene	12.18	106	799424	151.79	ug/l	99
70) Styrene	12.20	104	1330814	153.73	ug/l	100
71) Bromoform	12.36	173	317771	153.36	ug/l #	99
73) Isopropylbenzene	12.48	105	2217703	156.26	ug/l	100
74) N-amyl acetate	12.29	43	530498	163.67	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	437234	150.61	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	328616m	119.02	ug/l	
77) Bromobenzene	12.76	156	558263	151.51	ug/l	99
78) n-propylbenzene	12.82	91	2617787	154.06	ug/l	100
79) 2-Chlorotoluene	12.91	91	1490106	153.23	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	1899722	156.51	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	137817	157.80	ug/l	99
82) 4-Chlorotoluene	13.01	91	1556467	150.14	ug/l	100
83) tert-Butylbenzene	13.22	119	1695017	158.04	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	1920668	155.51	ug/l	99
85) sec-Butylbenzene	13.40	105	2308933	152.21	ug/l	100
86) p-Isopropyltoluene	13.52	119	2073360	153.72	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1055221	145.04	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	1041154	142.44	ug/l	99
89) n-Butylbenzene	13.84	91	1903063	151.44	ug/l	99
90) Hexachloroethane	14.11	117	384924	153.04	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	950195	142.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	89833	153.41	ug/l	100

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
Data File : VW001119.D
Acq On : 29 Jan 2018 14:08
Operator : JC/SY
Sample : VSTDICC150
Misc : 5.0G/5.0ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
1/30/2018 5:46:54 PM

Quant Time: Jan 30 01:03:05 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 30 00:46:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	719431	146.83	ug/l	100
94) Hexachlorobutadiene	15.26	225	429057	141.60	ug/l	99
95) Naphthalene	15.39	128	1530235	158.28	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	651486	144.17	ug/l	99

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

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001119.D
 Acq On : 29 Jan 2018 14:08
 Operator : JC/SY
 Sample : VSTDIC150
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 1/30/2018 5:46:54 PM

Quant Time: Jan 30 01:03:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 00:46:15 2018
 Response via : Initial Calibration

