

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030519\
 Data File : VW008997.D
 Acq On : 05 Mar 2019 15:28
 Operator : SY/VA
 Sample : K1655-11MS
 Misc : 6.40G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C12-2-1.5-2.0MS

Manual Integrations
 APPROVED

MMDadoda
 3/6/2019 3:22:07 PM

Quant Time: Mar 06 07:37:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	137004	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121164	56.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.20%	
35) Dibromofluoromethane	7.88	113	104528	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	10.32	98	402858	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.62	95	133854	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	121778	52.798	ug/l	100
3) Chloromethane	2.21	50	149882	53.384	ug/l	97
4) Vinyl Chloride	2.35	62	153685	51.699	ug/l	100
5) Bromomethane	2.76	94	123306	55.846	ug/l	96
6) Chloroethane	2.91	64	108975	51.625	ug/l	99
7) Trichlorofluoromethane	3.25	101	206988	55.055	ug/l	93
8) Diethyl Ether	3.68	74	67622	56.812	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	124210	54.404	ug/l	99
10) Methyl Iodide	4.27	142	109451	38.337	ug/l	98
11) Tert butyl alcohol	5.18	59	64187	333.808	ug/l	96
12) 1,1-Dichloroethene	4.03	96	110223	54.666	ug/l	96
13) Acrolein	3.90	56	38427	194.252	ug/l	100
14) Allyl chloride	4.67	41	182664	52.490	ug/l	99
15) Acrylonitrile	5.37	53	174867	342.321	ug/l	99
16) Acetone	4.13	43	212500	424.454	ug/l	97
17) Carbon Disulfide	4.38	76	343624	51.365	ug/l	99
18) Methyl Acetate	4.67	43	131595	110.819	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	333209	61.055	ug/l	100
20) Methylene Chloride	4.92	84	155154	64.381	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	124465	53.365	ug/l	94
22) Diisopropyl ether	6.31	45	407370	58.682	ug/l	99
23) Vinyl Acetate	6.26	43	663725	154.746	ug/l	98
24) 1,1-Dichloroethane	6.21	63	227127	56.461	ug/l	99
25) 2-Butanone	7.17	43	257692	368.167	ug/l	100
26) 2,2-Dichloropropane	7.17	77	203393	55.692	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	138828	55.645	ug/l	98
28) Bromochloromethane	7.51	49	82559	49.044	ug/l	99
29) Tetrahydrofuran	7.52	42	157753	353.669	ug/l	99
30) Chloroform	7.68	83	238130	57.703	ug/l	99
31) Cyclohexane	7.95	56	196015	48.138	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	213665	56.933	ug/l	99
36) 1,1-Dichloropropene	8.08	75	177357	54.162	ug/l	99
37) Ethyl Acetate	7.25	43	99461	65.316	ug/l	96
38) Carbon Tetrachloride	8.07	117	189756	54.948	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030519\
 Data File : VW008997.D
 Acq On : 05 Mar 2019 15:28
 Operator : SY/VA
 Sample : K1655-11MS
 Misc : 6.40G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C12-2-1.5-2.0MS

Manual Integrations
 APPROVED

MMDadoda
 3/6/2019 3:22:07 PM

Quant Time: Mar 06 07:37:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	181400	44.412	ug/l	99
40) Benzene	8.32	78	503256	56.288	ug/l	96
41) Methacrylonitrile	7.48	41	51370	57.391	ug/l	90
42) 1,2-Dichloroethane	8.40	62	170783	60.300	ug/l	98
43) Isopropyl Acetate	8.43	43	187980	61.853	ug/l	98
44) Trichloroethene	9.09	130	130835	51.946	ug/l	95
45) 1,2-Dichloropropane	9.37	63	124956	56.557	ug/l	97
46) Dibromomethane	9.46	93	73706	59.976	ug/l	96
47) Bromodichloromethane	9.65	83	172682	57.753	ug/l	98
48) Methyl methacrylate	9.43	41	90987	62.510	ug/l	94
49) 1,4-Dioxane	9.45	88	26112	1326.815	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	534422	346.361	ug/l	99
52) Toluene	10.39	92	333275	54.925	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	172099	56.470	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	196277	56.469	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	101799	61.081	ug/l	99
56) Ethyl methacrylate	10.65	69	134222	61.988	ug/l	98
57) 1,3-Dichloropropane	10.93	76	172553	58.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	302648	277.907	ug/l	98
59) 2-Hexanone	10.97	43	374327	340.809	ug/l	100
60) Dibromochloromethane	11.13	129	120448	59.251	ug/l	97
61) 1,2-Dibromoethane	11.24	107	94327	57.178	ug/l	99
64) Tetrachloroethene	10.86	164	112088	51.561	ug/l	98
65) Chlorobenzene	11.66	112	342950	53.705	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	123820	57.345	ug/l	98
67) Ethyl Benzene	11.73	91	637899	55.879	ug/l	99
68) m/p-Xylenes	11.84	106	473050	103.713	ug/l	99
69) o-Xylene	12.16	106	232806	54.379	ug/l	98
70) Styrene	12.18	104	353538	51.329	ug/l	97
71) Bromoform	12.35	173	71892	61.942	ug/l #	99
73) Isopropylbenzene	12.46	105	613795	65.352	ug/l	99
74) N-amyl acetate	12.27	43	143475	60.645	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	118286	77.077	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	85390m	75.490	ug/l	
77) Bromobenzene	12.75	156	138945	62.603	ug/l	95
78) n-propylbenzene	12.80	91	707012	61.539	ug/l	99
79) 2-Chlorotoluene	12.90	91	397376	60.920	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	499584	61.209	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	36288	77.990	ug/l	97
82) 4-Chlorotoluene	12.99	91	403400	58.687	ug/l	99
83) tert-Butylbenzene	13.21	119	420778	59.622	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	457376	54.134	ug/l	99
85) sec-Butylbenzene	13.38	105	562023	55.384	ug/l	99
86) p-Isopropyltoluene	13.50	119	502543	54.020	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	243793	52.942	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	242928	53.526	ug/l	99
89) n-Butylbenzene	13.83	91	418177	47.982	ug/l	99
90) Hexachloroethane	14.10	117	85007	55.818	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	222842	54.311	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22534	81.172	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030519\
Data File : VW008997.D
Acq On : 05 Mar 2019 15:28
Operator : SY/VA
Sample : K1655-11MS
Misc : 6.40G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A0C12-2-1.5-2.0MS

Manual Integrations
APPROVED

MMDadoda
3/6/2019 3:22:07 PM

Quant Time: Mar 06 07:37:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	102279	34.597	ug/l	99
94) Hexachlorobutadiene	15.24	225	53735	30.858	ug/l	97
95) Naphthalene	15.37	128	241252	47.930	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	89800	35.132	ug/l	99

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

