

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061419\
 Data File : VW010808.D
 Acq On : 14 Jun 2019 12:28
 Operator : SY/VA
 Sample : VW0614SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 1:23:16 PM

Quant Time: Jun 14 15:59:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	399122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	152640	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
35) Dibromofluoromethane	7.88	113	118607	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
50) Toluene-d8	10.32	98	502234	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.62	95	181718	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	42823	18.943	ug/l	100
3) Chloromethane	2.21	50	61199	18.401	ug/l	100
4) Vinyl Chloride	2.36	62	56724	18.460	ug/l	98
5) Bromomethane	2.76	94	33995	20.146	ug/l	98
6) Chloroethane	2.91	64	34077	18.475	ug/l	98
7) Trichlorofluoromethane	3.25	101	82673	20.726	ug/l	98
8) Diethyl Ether	3.68	74	26477	18.574	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49949	20.368	ug/l	99
10) Methyl Iodide	4.27	142	33974	16.956	ug/l	97
11) Tert butyl alcohol	5.18	59	29217	124.383	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	46860	19.808	ug/l	96
13) Acrolein	3.90	56	6325	65.895	ug/l	98
14) Allyl chloride	4.67	41	106899	20.494	ug/l	99
15) Acrylonitrile	5.37	53	62193	89.807	ug/l	99
16) Acetone	4.13	43	65295	84.516	ug/l	100
17) Carbon Disulfide	4.37	76	138281	18.414	ug/l	98
18) Methyl Acetate	4.68	43	32277	19.408	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	128021	18.763	ug/l	99
20) Methylene Chloride	4.91	84	54368	20.060	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	53537	19.935	ug/l	98
22) Diisopropyl ether	6.31	45	214213	20.513	ug/l	98
23) Vinyl Acetate	6.25	43	605766	96.119	ug/l	100
24) 1,1-Dichloroethane	6.22	63	106911	20.429	ug/l	98
25) 2-Butanone	7.17	43	97965	91.447	ug/l	99
26) 2,2-Dichloropropane	7.17	77	95636	22.457	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	58933	19.941	ug/l	94
28) Bromochloromethane	7.51	49	46569	19.939	ug/l	94
29) Tetrahydrofuran	7.53	42	59415	88.175	ug/l	98
30) Chloroform	7.67	83	98582	20.595	ug/l	96
31) Cyclohexane	7.95	56	116103	19.957	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	87119	20.835	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83252	20.378	ug/l	100
37) Ethyl Acetate	7.26	43	41731	18.433	ug/l	100
38) Carbon Tetrachloride	8.07	117	73028	20.707	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061419\
 Data File : VW010808.D
 Acq On : 14 Jun 2019 12:28
 Operator : SY/VA
 Sample : VW0614SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 1:23:16 PM

Quant Time: Jun 14 15:59:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102950	19.823	ug/l	97
40) Benzene	8.32	78	226038	20.281	ug/l	98
41) Methacrylonitrile	7.48	41	24621	18.296	ug/l	99
42) 1,2-Dichloroethane	8.40	62	70927	20.051	ug/l	100
43) Isopropyl Acetate	8.42	43	80170	18.330	ug/l	99
44) Trichloroethene	9.09	130	54552	19.842	ug/l	100
45) 1,2-Dichloropropane	9.37	63	59770	20.259	ug/l	98
46) Dibromomethane	9.46	93	26118	19.059	ug/l	97
47) Bromodichloromethane	9.65	83	70496	19.846	ug/l	93
48) Methyl methacrylate	9.43	41	38256	18.141	ug/l	96
49) 1,4-Dioxane	9.46	88	6408	299.092	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	201485	90.173	ug/l	99
52) Toluene	10.39	92	137549	20.058	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	72382	19.238	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	88750	20.046	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37666	19.080	ug/l	99
56) Ethyl methacrylate	10.65	69	53782	17.705	ug/l	93
57) 1,3-Dichloropropane	10.93	76	71465	19.209	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	152636	95.933	ug/l	99
59) 2-Hexanone	10.97	43	141634	87.706	ug/l	98
60) Dibromochloromethane	11.13	129	41335	18.888	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35027	18.727	ug/l	98
64) Tetrachloroethene	10.86	164	45401	19.523	ug/l	97
65) Chlorobenzene	11.66	112	138893	20.166	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	47671	19.994	ug/l	99
67) Ethyl Benzene	11.73	91	269580	20.366	ug/l	100
68) m/p-Xylenes	11.84	106	191465	40.407	ug/l	99
69) o-Xylene	12.16	106	89514	19.918	ug/l	97
70) Styrene	12.18	104	153660	19.683	ug/l	99
71) Bromoform	12.35	173	22289	18.076	ug/l #	99
73) Isopropylbenzene	12.46	105	255080	20.639	ug/l	100
74) N-amyl acetate	12.27	43	73589	18.424	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	44450	18.892	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	38206m	22.121	ug/l	
77) Bromobenzene	12.75	156	54093	20.051	ug/l	98
78) n-propylbenzene	12.80	91	307321	20.622	ug/l	100
79) 2-Chlorotoluene	12.90	91	175842	20.653	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	207785	20.540	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12961	17.248	ug/l	92
82) 4-Chlorotoluene	12.99	91	182241	20.742	ug/l	98
83) tert-Butylbenzene	13.21	119	177972	20.730	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	207232	20.357	ug/l	100
85) sec-Butylbenzene	13.38	105	256148	20.492	ug/l	100
86) p-Isopropyltoluene	13.50	119	227100	20.317	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	105650	20.307	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	104968	20.352	ug/l	98
89) n-Butylbenzene	13.83	91	230729	20.688	ug/l	99
90) Hexachloroethane	14.10	117	40465	20.214	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	91977	19.659	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7235	17.907	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061419\
Data File : VW010808.D
Acq On : 14 Jun 2019 12:28
Operator : SY/VA
Sample : VW0614SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Manual Integrations
APPROVED

MMDadoda
6/17/2019 1:23:16 PM

Quant Time: Jun 14 15:59:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	63704	19.403	ug/l	99
94) Hexachlorobutadiene	15.24	225	42173	20.467	ug/l	97
95) Naphthalene	15.37	128	103654	17.376	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	53342	19.104	ug/l	98

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

