

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013080.D
 Acq On : 17 Sep 2019 10:53
 Operator : SY/VA
 Sample : VW0917SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:27:21 AM

Quant Time: Sep 18 07:21:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	345078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	516155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	437836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	218614	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	158017	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	7.88	113	141290	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.32	98	579759	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.62	95	199288	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31578	21.341	ug/l	97
3) Chloromethane	2.21	50	41180	22.089	ug/l	100
4) Vinyl Chloride	2.36	62	52191	21.130	ug/l	98
5) Bromomethane	2.76	94	28937	19.184	ug/l	96
6) Chloroethane	2.90	64	31585	20.850	ug/l	96
7) Trichlorofluoromethane	3.25	101	30171	17.468	ug/l	99
8) Diethyl Ether	3.67	74	26004	19.281	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49905	19.050	ug/l	99
10) Methyl Iodide	4.26	142	68147	20.786	ug/l	97
11) Tert butyl alcohol	5.18	59	27795m	117.876	ug/l	
12) 1,1-Dichloroethene	4.04	96	48268	20.264	ug/l	95
13) Acrolein	3.89	56	20794	83.847	ug/l	98
14) Allyl chloride	4.66	41	95732	21.171	ug/l	96
15) Acrylonitrile	5.37	53	65564	95.182	ug/l	100
16) Acetone	4.13	43	61141	74.704	ug/l	97
17) Carbon Disulfide	4.37	76	95685	20.158	ug/l	99
18) Methyl Acetate	4.67	43	36058	19.859	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	91613	19.485	ug/l	94
20) Methylene Chloride	4.91	84	55795	18.391	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	52987	20.770	ug/l	97
22) Diisopropyl ether	6.31	45	196583	20.926	ug/l	96
23) Vinyl Acetate	6.25	43	547750	97.353	ug/l	97
24) 1,1-Dichloroethane	6.21	63	109365	20.192	ug/l	97
25) 2-Butanone	7.17	43	95171	93.912	ug/l	95
26) 2,2-Dichloropropane	7.17	77	73818	18.767	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	62232	20.375	ug/l	100
28) Bromochloromethane	7.51	49	44263	19.416	ug/l	98
29) Tetrahydrofuran	7.53	42	54850	94.992	ug/l	97
30) Chloroform	7.67	83	106625	19.375	ug/l	93
31) Cyclohexane	7.95	56	94636	20.793	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	87494	19.305	ug/l	96
36) 1,1-Dichloropropene	8.08	75	80794	19.589	ug/l	99
37) Ethyl Acetate	7.25	43	40924	18.693	ug/l	97
38) Carbon Tetrachloride	8.07	117	76270	18.045	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013080.D
 Acq On : 17 Sep 2019 10:53
 Operator : SY/VA
 Sample : VW0917SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:27:21 AM

Quant Time: Sep 18 07:21:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	90618	20.050	ug/l	97
40) Benzene	8.32	78	231522	20.107	ug/l	99
41) Methacrylonitrile	7.48	41	24807	17.207	ug/l	97
42) 1,2-Dichloroethane	8.40	62	70905	18.370	ug/l	98
43) Isopropyl Acetate	8.42	43	75941	18.066	ug/l	99
44) Trichloroethene	9.09	130	61164	19.393	ug/l	92
45) 1,2-Dichloropropane	9.37	63	62964	20.582	ug/l	97
46) Dibromomethane	9.46	93	28402	19.378	ug/l	97
47) Bromodichloromethane	9.64	83	76913	18.708	ug/l	97
48) Methyl methacrylate	9.43	41	36278	18.390	ug/l	97
49) 1,4-Dioxane	9.46	88	7617	310.154	ug/l #	72
51) 4-Methyl-2-Pentanone	10.21	43	197823	91.157	ug/l	100
52) Toluene	10.38	92	147829	20.204	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	77816	18.820	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	89338	18.884	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41246	18.473	ug/l	97
56) Ethyl methacrylate	10.65	69	55811	18.571	ug/l	97
57) 1,3-Dichloropropane	10.93	76	75551	19.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	155966	96.744	ug/l	99
59) 2-Hexanone	10.97	43	132353	87.588	ug/l	100
60) Dibromochloromethane	11.13	129	49079	18.182	ug/l	97
61) 1,2-Dibromoethane	11.23	107	37964	18.639	ug/l	99
64) Tetrachloroethene	10.86	164	49925	19.167	ug/l	97
65) Chlorobenzene	11.66	112	153473	19.679	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	56591	18.935	ug/l	99
67) Ethyl Benzene	11.73	91	290687	20.182	ug/l	98
68) m/p-Xylenes	11.84	106	213681	40.610	ug/l	100
69) o-Xylene	12.16	106	97994	19.865	ug/l	97
70) Styrene	12.18	104	172213	19.625	ug/l	99
71) Bromoform	12.35	173	28503	18.156	ug/l #	100
73) Isopropylbenzene	12.46	105	287366	19.832	ug/l	99
74) N-amyl acetate	12.27	43	68407	18.352	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	49405	19.412	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31917m	16.668	ug/l	
77) Bromobenzene	12.74	156	65710	19.684	ug/l	100
78) n-propylbenzene	12.80	91	340089	19.952	ug/l	99
79) 2-Chlorotoluene	12.89	91	193757	19.774	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	241670	19.714	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14895	17.645	ug/l	98
82) 4-Chlorotoluene	12.99	91	204273	19.759	ug/l	99
83) tert-Butylbenzene	13.21	119	217170	19.806	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	245246	20.245	ug/l	99
85) sec-Butylbenzene	13.38	105	295215	19.761	ug/l	99
86) p-Isopropyltoluene	13.50	119	270332	19.709	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	126288	19.111	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	127839	19.686	ug/l	99
89) n-Butylbenzene	13.82	91	255685	19.766	ug/l	100
90) Hexachloroethane	14.09	117	44773	18.215	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	111330	19.157	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8225	17.656	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091719\
Data File : VW013080.D
Acq On : 17 Sep 2019 10:53
Operator : SY/VA
Sample : VW0917SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Manual Integrations
APPROVED

MMDadoda
9/19/2019 1:27:21 AM

Quant Time: Sep 18 07:21:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	77380	18.671	ug/l	98
94) Hexachlorobutadiene	15.24	225	54893	18.710	ug/l	97
95) Naphthalene	15.36	128	124266	17.945	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	66374	18.117	ug/l	98

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

