

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091919\
 Data File : VW013155.D
 Acq On : 19 Sep 2019 12:42
 Operator : SY/VA
 Sample : VW0919SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0919SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 10:46:13 AM

Quant Time: Sep 20 08:08:05 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	341997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	493101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	426622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	219524	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132155	41.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.68%	
35) Dibromofluoromethane	7.88	113	132096	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
50) Toluene-d8	10.32	98	542680	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.62	95	185812	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26762	17.537	ug/l	98
3) Chloromethane	2.21	50	35575	18.565	ug/l	99
4) Vinyl Chloride	2.36	62	49505	20.223	ug/l	95
5) Bromomethane	2.78	94	30175	20.185	ug/l	100
6) Chloroethane	2.92	64	30441	20.276	ug/l	97
7) Trichlorofluoromethane	3.25	101	31840	18.600	ug/l	97
8) Diethyl Ether	3.68	74	28311	21.181	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53810	20.726	ug/l	100
10) Methyl Iodide	4.27	142	76310	23.486	ug/l	93
11) Tert butyl alcohol	5.19	59	19188	74.999	ug/l	97
12) 1,1-Dichloroethene	4.04	96	51803	21.944	ug/l	90
13) Acrolein	3.89	56	18965	76.586	ug/l	96
14) Allyl chloride	4.67	41	87215	19.461	ug/l	92
15) Acrylonitrile	5.37	53	62065	90.914	ug/l	99
16) Acetone	4.13	43	54725	65.413	ug/l	92
17) Carbon Disulfide	4.39	76	97984	20.828	ug/l	97
18) Methyl Acetate	4.67	43	33437	18.581	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	89516	19.210	ug/l	98
20) Methylene Chloride	4.92	84	70000	24.820	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	54974	21.743	ug/l	90
22) Diisopropyl ether	6.31	45	187914	20.184	ug/l	94
23) Vinyl Acetate	6.25	43	500527	89.761	ug/l #	95
24) 1,1-Dichloroethane	6.21	63	108548	20.222	ug/l	98
25) 2-Butanone	7.17	43	81138	80.786	ug/l	97
26) 2,2-Dichloropropane	7.17	77	70578	17.937	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	65605	21.673	ug/l	91
28) Bromochloromethane	7.51	49	41335	18.295	ug/l	89
29) Tetrahydrofuran	7.53	42	49442	86.397	ug/l	97
30) Chloroform	7.68	83	107789	19.762	ug/l	97
31) Cyclohexane	7.95	56	92962	20.568	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	84659	18.848	ug/l	98
36) 1,1-Dichloropropene	8.08	75	83154	21.103	ug/l	97
37) Ethyl Acetate	7.25	43	33094	15.823	ug/l	95
38) Carbon Tetrachloride	8.07	117	75888	18.794	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091919\
 Data File : VW013155.D
 Acq On : 19 Sep 2019 12:42
 Operator : SY/VA
 Sample : VW0919SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0919SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 10:46:13 AM

Quant Time: Sep 20 08:08:05 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	9.34	83	93510	21.657	ug/l	97
40) Benzene	8.32	78	236299	21.482	ug/l	97
41) Methacrylonitrile	7.48	41	23638	17.162	ug/l	96
42) 1,2-Dichloroethane	8.40	62	66194	17.951	ug/l	95
43) Isopropyl Acetate	8.42	43	67948	16.921	ug/l	93
44) Trichloroethene	9.09	130	65547	21.755	ug/l	89
45) 1,2-Dichloropropane	9.37	63	62132	21.260	ug/l	99
46) Dibromomethane	9.46	93	28877	20.624	ug/l	98
47) Bromodichloromethane	9.65	83	75931	19.333	ug/l	96
48) Methyl methacrylate	9.43	41	31215	16.563	ug/l	92
49) 1,4-Dioxane	9.46	88	7919	337.527	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	176150	84.965	ug/l	94
52) Toluene	10.38	92	152245	21.781	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	75128	19.020	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	93306	20.645	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	45221	21.200	ug/l	96
56) Ethyl methacrylate	10.65	69	55196	19.225	ug/l	90
57) 1,3-Dichloropropane	10.93	76	76821	20.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	144109	93.568	ug/l	97
59) 2-Hexanone	10.97	43	119973	83.107	ug/l	93
60) Dibromochloromethane	11.13	129	51335	19.906	ug/l	99
61) 1,2-Dibromoethane	11.24	107	40589	20.860	ug/l	99
64) Tetrachloroethene	10.86	164	54449	21.454	ug/l	99
65) Chlorobenzene	11.66	112	165241	21.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	60149	20.655	ug/l	97
67) Ethyl Benzene	11.73	91	301199	21.461	ug/l	99
68) m/p-Xylenes	11.84	106	226546	44.186	ug/l	95
69) o-Xylene	12.16	106	105645	21.979	ug/l	96
70) Styrene	12.18	104	185387	21.681	ug/l	96
71) Bromoform	12.35	173	29032	18.980	ug/l #	99
73) Isopropylbenzene	12.46	105	301350	20.710	ug/l	99
74) N-amyl acetate	12.27	43	63027	16.839	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	48833	19.108	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	31630m	16.449	ug/l	
77) Bromobenzene	12.74	156	70616	21.066	ug/l	93
78) n-propylbenzene	12.80	91	347198	20.285	ug/l	98
79) 2-Chlorotoluene	12.89	91	198144	20.138	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	250266	20.331	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	15200	17.932	ug/l	93
82) 4-Chlorotoluene	12.99	91	211277	20.351	ug/l	97
83) tert-Butylbenzene	13.21	119	226491	20.570	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	253333	20.826	ug/l	97
85) sec-Butylbenzene	13.38	105	314778	20.983	ug/l	99
86) p-Isopropyltoluene	13.50	119	287370	20.865	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	139842	21.074	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	138459	21.233	ug/l	100
89) n-Butylbenzene	13.82	91	260372	20.045	ug/l	98
90) Hexachloroethane	14.09	117	48919	19.820	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	124463	21.328	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7423	15.868	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091919\
Data File : VW013155.D
Acq On : 19 Sep 2019 12:42
Operator : SY/VA
Sample : VW0919SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0919SBSD01

Manual Integrations
APPROVED

MMDadoda
9/23/2019 10:46:13 AM

Quant Time: Sep 20 08:08:05 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)
93) 1,2,4-Trichlorobenzene	15.13	180	86460	20.775	ug/l	99
94) Hexachlorobutadiene	15.24	225	59780	20.291	ug/l	99
95) Naphthalene	15.36	128	130798	18.810	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	73779	20.055	ug/l	99

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

