

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111319\
 Data File : VW014002.D
 Acq On : 13 Nov 2019 13:14
 Operator : SY/VA
 Sample : VW1113SBS01
 Misc : 6.87G/5.0ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1113SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 10:50:12 AM

Quant Time: Nov 14 06:40:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	282260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	176920	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	118705	56.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.12%	
35) Dibromofluoromethane	7.88	113	116495	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
50) Toluene-d8	10.32	98	474735	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.62	95	162493	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30446	20.474	ug/l	98
3) Chloromethane	2.21	50	29995	18.769	ug/l	94
4) Vinyl Chloride	2.36	62	52013	21.551	ug/l	95
5) Bromomethane	2.76	94	31700	19.971	ug/l	91
6) Chloroethane	2.92	64	29674	20.319	ug/l	98
7) Trichlorofluoromethane	3.25	101	29608	19.641	ug/l	100
8) Diethyl Ether	3.68	74	24464	20.087	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	51050	20.831	ug/l	99
10) Methyl Iodide	4.28	142	76565	19.172	ug/l	99
11) Tert butyl alcohol	5.16	59	19344	153.032	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	51598	20.383	ug/l	99
13) Acrolein	3.89	56	13325	92.012	ug/l	99
14) Allyl chloride	4.67	41	76154	19.564	ug/l	99
15) Acrylonitrile	5.35	53	60382	121.926	ug/l	99
16) Acetone	4.12	43	50835	113.229	ug/l #	88
17) Carbon Disulfide	4.39	76	147985	20.355	ug/l	100
18) Methyl Acetate	4.66	43	30748	24.984	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	63232	20.815	ug/l	97
20) Methylene Chloride	4.92	84	58140	20.760	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	52873	19.406	ug/l	98
22) Diisopropyl ether	6.30	45	141594	19.942	ug/l	92
23) Vinyl Acetate	6.25	43	438600	106.459	ug/l	100
24) 1,1-Dichloroethane	6.21	63	88495	19.680	ug/l	99
25) 2-Butanone	7.17	43	80083	124.071	ug/l	97
26) 2,2-Dichloropropane	7.16	77	54098	20.805	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	56011	19.355	ug/l	96
28) Bromochloromethane	7.51	49	25774	16.996	ug/l #	98
29) Tetrahydrofuran	7.52	42	51298	128.371	ug/l	98
30) Chloroform	7.67	83	91358	20.552	ug/l	99
31) Cyclohexane	7.95	56	92215	19.595	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	71586	20.521	ug/l	99
36) 1,1-Dichloropropene	8.08	75	75156	20.516	ug/l	99
37) Ethyl Acetate	7.25	43	35407	25.250	ug/l	99
38) Carbon Tetrachloride	8.07	117	68048	20.628	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111319\
 Data File : VW014002.D
 Acq On : 13 Nov 2019 13:14
 Operator : SY/VA
 Sample : VW1113SBS01
 Misc : 6.87G/5.0ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1113SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 10:50:12 AM

Quant Time: Nov 14 06:40:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	96438	20.386	ug/l	96
40) Benzene	8.32	78	205666	19.839	ug/l	100
41) Methacrylonitrile	7.48	41	20739	23.717	ug/l	94
42) 1,2-Dichloroethane	8.40	62	55657	21.305	ug/l	98
43) Isopropyl Acetate	8.42	43	63482	23.651	ug/l	98
44) Trichloroethene	9.09	130	58405	19.668	ug/l	96
45) 1,2-Dichloropropane	9.37	63	48855	19.730	ug/l	100
46) Dibromomethane	9.45	93	25579	21.283	ug/l	99
47) Bromodichloromethane	9.64	83	60939	19.596	ug/l	100
48) Methyl methacrylate	9.43	41	31168	23.416	ug/l	99
49) 1,4-Dioxane	9.45	88	10510	591.791	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	167766	125.781	ug/l	99
52) Toluene	10.38	92	135877	20.319	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	63646	20.218	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	76889	19.797	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	37929	21.176	ug/l	97
56) Ethyl methacrylate	10.65	69	49634	22.149	ug/l	97
57) 1,3-Dichloropropane	10.93	76	66457	21.621	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	118400	114.799	ug/l	100
59) 2-Hexanone	10.97	43	117548	127.837	ug/l	99
60) Dibromochloromethane	11.13	129	42965	20.203	ug/l	100
61) 1,2-Dibromoethane	11.23	107	36502	21.541	ug/l	100
64) Tetrachloroethene	10.86	164	51809	20.233	ug/l	95
65) Chlorobenzene	11.65	112	137526	19.969	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	46702	19.430	ug/l	98
67) Ethyl Benzene	11.73	91	248906	20.043	ug/l	99
68) m/p-Xylenes	11.83	106	194713	40.582	ug/l	99
69) o-Xylene	12.16	106	88969	20.174	ug/l	97
70) Styrene	12.18	104	148005	19.533	ug/l	98
71) Bromoform	12.35	173	28115	22.290	ug/l #	100
73) Isopropylbenzene	12.46	105	250516	19.718	ug/l	99
74) N-amyl acetate	12.27	43	58151	23.661	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46191	23.039	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	34077m	26.821	ug/l	
77) Bromobenzene	12.74	156	59839	19.716	ug/l	97
78) n-propylbenzene	12.80	91	294414	20.021	ug/l	99
79) 2-Chlorotoluene	12.89	91	160712	19.447	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	209522	19.535	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	15358	22.844	ug/l	100
82) 4-Chlorotoluene	12.99	91	171873	19.810	ug/l	98
83) tert-Butylbenzene	13.21	119	185819	19.518	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	207870	19.648	ug/l	99
85) sec-Butylbenzene	13.38	105	258737	19.874	ug/l	100
86) p-Isopropyltoluene	13.49	119	242532	19.999	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	115341	19.614	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	114620	19.620	ug/l	99
89) n-Butylbenzene	13.82	91	218391	19.951	ug/l	100
90) Hexachloroethane	14.09	117	39764	18.865	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	103456	20.290	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7219	23.811	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111319\
Data File : VW014002.D
Acq On : 13 Nov 2019 13:14
Operator : SY/VA
Sample : VW1113SBSD01
Misc : 6.87G/5.0ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1113SBSD01

Manual Integrations
APPROVED

MMDadoda
11/15/2019 10:50:12 AM

Quant Time: Nov 14 06:40:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	69722	18.789	ug/l	99
94) Hexachlorobutadiene	15.24	225	51754	20.660	ug/l	99
95) Naphthalene	15.36	128	114325	19.650	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	59720	18.677	ug/l	99

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

