

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013059.D
 Acq On : 17 Sep 2019 00:36
 Operator : SY/VA
 Sample : VW0916SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0916SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 2:01:22 PM

Quant Time: Sep 17 08:12:42 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	258485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	167545	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	121249	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	7.88	113	101128	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	10.32	98	415004	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.62	95	148043	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	25804	23.728	ug/l	87
3) Chloromethane	2.20	50	30492	21.774	ug/l	97
4) Vinyl Chloride	2.35	62	38607	20.867	ug/l	96
5) Bromomethane	2.76	94	22526	19.937	ug/l	93
6) Chloroethane	2.91	64	23459	20.674	ug/l	92
7) Trichlorofluoromethane	3.25	101	21131	16.333	ug/l	99
8) Diethyl Ether	3.68	74	22643	22.413	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40769	20.776	ug/l	99
10) Methyl Iodide	4.26	142	51231	20.861	ug/l	98
11) Tert butyl alcohol	5.19	59	25191m	147.539	ug/l	
12) 1,1-Dichloroethene	4.04	96	36828	20.641	ug/l	99
13) Acrolein	3.89	56	21540	118.713	ug/l	99
14) Allyl chloride	4.66	41	69535	20.529	ug/l	96
15) Acrylonitrile	5.36	53	68628	133.006	ug/l	99
16) Acetone	4.12	43	58955	102.257	ug/l	96
17) Carbon Disulfide	4.38	76	74114	20.844	ug/l	100
18) Methyl Acetate	4.67	43	43499	31.982	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	82619	23.458	ug/l	94
20) Methylene Chloride	4.92	84	45571	20.576	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	38878	20.345	ug/l	94
22) Diisopropyl ether	6.31	45	154701	21.985	ug/l	97
23) Vinyl Acetate	6.25	43	480045	113.902	ug/l	100
24) 1,1-Dichloroethane	6.21	63	82533	20.343	ug/l	99
25) 2-Butanone	7.17	43	101654	133.913	ug/l	98
26) 2,2-Dichloropropane	7.16	77	53007	17.794	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	48707	21.290	ug/l	99
28) Bromochloromethane	7.51	49	36265	21.237	ug/l	100
29) Tetrahydrofuran	7.52	42	63239	146.210	ug/l	99
30) Chloroform	7.67	83	84383	20.470	ug/l	99
31) Cyclohexane	7.95	56	76302	22.735	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	68875	20.288	ug/l	98
36) 1,1-Dichloropropene	8.08	75	63935	20.977	ug/l	99
37) Ethyl Acetate	7.25	43	42410	26.215	ug/l	98
38) Carbon Tetrachloride	8.06	117	62844	20.120	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013059.D
 Acq On : 17 Sep 2019 00:36
 Operator : SY/VA
 Sample : VW0916SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0916SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 2:01:22 PM

Quant Time: Sep 17 08:12:42 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	75522	22.612	ug/l	98
40) Benzene	8.32	78	179411	21.085	ug/l	100
41) Methacrylonitrile	7.48	41	26472	24.847	ug/l	92
42) 1,2-Dichloroethane	8.40	62	60868	21.340	ug/l	97
43) Isopropyl Acetate	8.42	43	77330	24.895	ug/l	99
44) Trichloroethene	9.09	130	47149	20.230	ug/l	88
45) 1,2-Dichloropropane	9.37	63	48651	21.521	ug/l	98
46) Dibromomethane	9.46	93	24939	23.026	ug/l	99
47) Bromodichloromethane	9.64	83	62599	20.605	ug/l	99
48) Methyl methacrylate	9.43	41	37379	25.641	ug/l	96
49) 1,4-Dioxane	9.46	88	10227	563.525	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	220703	137.623	ug/l	100
52) Toluene	10.38	92	116763	21.596	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	64344	21.059	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	75378	21.562	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	38326	23.229	ug/l	98
56) Ethyl methacrylate	10.65	69	55876	25.159	ug/l	98
57) 1,3-Dichloropropane	10.93	76	69332	23.688	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	145723	122.318	ug/l	99
59) 2-Hexanone	10.97	43	152262	136.355	ug/l	100
60) Dibromochloromethane	11.13	129	42729	21.420	ug/l	96
61) 1,2-Dibromoethane	11.23	107	37173	24.697	ug/l	99
64) Tetrachloroethene	10.86	164	44317	22.211	ug/l	95
65) Chlorobenzene	11.65	112	123958	20.749	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	46366	20.252	ug/l	98
67) Ethyl Benzene	11.73	91	230524	20.893	ug/l	99
68) m/p-Xylenes	11.83	106	170103	42.202	ug/l	99
69) o-Xylene	12.16	106	80457	21.291	ug/l	100
70) Styrene	12.18	104	140561	20.910	ug/l	99
71) Bromoform	12.35	173	26905	22.373	ug/l #	98
73) Isopropylbenzene	12.46	105	236437	21.290	ug/l	99
74) N-amyl acetate	12.27	43	68730	24.059	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49862	25.564	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39715m	27.062	ug/l	
77) Bromobenzene	12.74	156	54400	21.263	ug/l	98
78) n-propylbenzene	12.80	91	270351	20.696	ug/l	99
79) 2-Chlorotoluene	12.89	91	154731	20.605	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	197826	21.056	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	15044	23.254	ug/l	98
82) 4-Chlorotoluene	12.99	91	164044	20.704	ug/l	99
83) tert-Butylbenzene	13.21	119	179003	21.301	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	192634	20.749	ug/l	98
85) sec-Butylbenzene	13.38	105	244212	21.330	ug/l	99
86) p-Isopropyltoluene	13.49	119	218884	20.823	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	103423	20.421	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	104876	21.072	ug/l	99
89) n-Butylbenzene	13.82	91	203547	20.532	ug/l	99
90) Hexachloroethane	14.09	117	38665	20.525	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	94247	21.161	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8712	24.401	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091619\
Data File : VW013059.D
Acq On : 17 Sep 2019 00:36
Operator : SY/VA
Sample : VW0916SBSD02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0916SBSD02

Manual Integrations
APPROVED

MMDadoda
9/18/2019 2:01:22 PM

Quant Time: Sep 17 08:12:42 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	65181	20.521	ug/l	99
94) Hexachlorobutadiene	15.24	225	45899	20.413	ug/l	98
95) Naphthalene	15.36	128	133306	25.118	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	59567	21.215	ug/l	100

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

