

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122118\
 Data File : VW007708.D
 Acq On : 19 Dec 2018 19:10
 Operator : SY/AP
 Sample : VW1221SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBSD01

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:19:58 AM

Quant Time: Dec 20 07:40:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	121453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	43365	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	7.88	113	38630	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	10.32	98	145627	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.62	95	56403	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11656	17.311	ug/l	97
3) Chloromethane	2.21	50	8540	20.655	ug/l	98
4) Vinyl Chloride	2.37	62	10410	19.779	ug/l	94
5) Bromomethane	2.78	94	7075	19.300	ug/l	95
6) Chloroethane	2.92	64	5643	20.041	ug/l	90
7) Trichlorofluoromethane	3.25	101	9834	17.947	ug/l	99
8) Diethyl Ether	3.68	74	6753	20.121	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	14592	18.082	ug/l	96
10) Methyl Iodide	4.27	142	24787	19.314	ug/l	99
11) Tert butyl alcohol	5.17	59	6866	122.608	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	14849	19.871	ug/l	87
13) Acrolein	3.89	56	4291	95.834	ug/l	98
14) Allyl chloride	4.66	41	19060	19.450	ug/l	99
15) Acrylonitrile	5.36	53	13916	97.203	ug/l	96
16) Acetone	4.12	43	15424	99.220	ug/l	96
17) Carbon Disulfide	4.38	76	43074	18.627	ug/l	99
18) Methyl Acetate	4.67	43	7397	20.008	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	21973	20.482	ug/l	94
20) Methylene Chloride	4.91	84	16630	17.263	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	15367	18.698	ug/l	90
22) Diisopropyl ether	6.31	45	36104	19.676	ug/l #	89
23) Vinyl Acetate	6.26	43	109568	100.506	ug/l	97
24) 1,1-Dichloroethane	6.21	63	26032	19.285	ug/l	98
25) 2-Butanone	7.17	43	17280	94.903	ug/l	95
26) 2,2-Dichloropropane	7.16	77	19551	19.793	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	17256	19.708	ug/l	99
28) Bromochloromethane	7.51	49	8839	19.205	ug/l	97
29) Tetrahydrofuran	7.53	42	10850	99.900	ug/l	99
30) Chloroform	7.68	83	30432	19.921	ug/l	99
31) Cyclohexane	7.95	56	23671	19.155	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	27136	19.504	ug/l	99
36) 1,1-Dichloropropene	8.08	75	22582	19.264	ug/l	99
37) Ethyl Acetate	7.25	43	7972	19.706	ug/l	98
38) Carbon Tetrachloride	8.06	117	26602	19.269	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007708.D
 Acq On : 19 Dec 2018 19:10
 Operator : SY/AP
 Sample : VW1221SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1221SBS01

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:19:58 AM

Quant Time: Dec 20 07:40:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	27709	19.023	ug/l	97
40) Benzene	8.32	78	61640	19.705	ug/l	98
41) Methacrylonitrile	7.48	41	4514	19.653	ug/l	97
42) 1,2-Dichloroethane	8.40	62	21257	20.278	ug/l	99
43) Isopropyl Acetate	8.43	43	15624	19.277	ug/l	99
44) Trichloroethene	9.09	130	18516	19.573	ug/l	98
45) 1,2-Dichloropropane	9.37	63	13640	19.652	ug/l	98
46) Dibromomethane	9.46	93	8567	20.051	ug/l	97
47) Bromodichloromethane	9.65	83	22135	19.706	ug/l	99
48) Methyl methacrylate	9.44	41	7848m	19.398	ug/l	
49) 1,4-Dioxane	9.45	88	2668	393.852	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	38905	101.568	ug/l	98
52) Toluene	10.39	92	41685	19.862	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	21897	19.599	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	24925	20.197	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	11688	19.843	ug/l	98
56) Ethyl methacrylate	10.65	69	14166	20.355	ug/l	98
57) 1,3-Dichloropropane	10.93	76	19688	20.129	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	30756	96.795	ug/l	98
59) 2-Hexanone	10.97	43	27641	102.608	ug/l	99
60) Dibromochloromethane	11.13	129	15457	19.819	ug/l	100
61) 1,2-Dibromoethane	11.24	107	11771	19.734	ug/l	99
64) Tetrachloroethene	10.86	164	14790	18.781	ug/l	96
65) Chlorobenzene	11.66	112	47215	19.615	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	16649	19.357	ug/l	97
67) Ethyl Benzene	11.73	91	81322	19.688	ug/l	98
68) m/p-Xylenes	11.84	106	63132	39.401	ug/l	99
69) o-Xylene	12.17	106	30551	20.341	ug/l	96
70) Styrene	12.18	104	48833	19.779	ug/l	99
71) Bromoform	12.35	173	8687	19.456	ug/l #	99
73) Isopropylbenzene	12.47	105	83458	19.184	ug/l	99
74) N-amyl acetate	12.27	43	15009	19.918	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	12792	19.612	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	9994m	22.467	ug/l	
77) Bromobenzene	12.75	156	19848	19.908	ug/l	98
78) n-propylbenzene	12.81	91	97413	19.236	ug/l	99
79) 2-Chlorotoluene	12.90	91	56948	19.304	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	73583	19.609	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	4061	19.163	ug/l	93
82) 4-Chlorotoluene	12.99	91	61340	19.528	ug/l	100
83) tert-Butylbenzene	13.21	119	64126	19.476	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	74379	19.643	ug/l	100
85) sec-Butylbenzene	13.39	105	87146	19.205	ug/l	100
86) p-Isopropyltoluene	13.51	119	80300	19.461	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	39184	19.795	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	39053	19.723	ug/l	100
89) n-Butylbenzene	13.83	91	72794	19.241	ug/l	100
90) Hexachloroethane	14.10	117	14096	19.459	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	35279	19.905	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2473	18.462	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007708.D
Acq On : 19 Dec 2018 19:10
Operator : SY/AP
Sample : VW1221SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD01

Manual Integrations
APPROVED

apatel
12/20/2018 11:19:58 AM

Quant Time: Dec 20 07:40:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23654	19.227	ug/l	100
94) Hexachlorobutadiene	15.24	225	12334	18.760	ug/l	99
95) Naphthalene	15.38	128	45056	19.809	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	20583	19.545	ug/l	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007708.D
Acq On : 19 Dec 2018 19:10
Operator : SY/AP
Sample : VW1221SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Manual Integrations
APPROVED

apatel
12/20/2018 11:19:58 AM

Quant Time: Dec 20 07:40:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

