

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007020.D
 Acq On : 22 Nov 2018 02:02
 Operator : VAY/AP
 Sample : VW1122SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS02

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 1:04:52 PM

Quant Time: Nov 22 06:01:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	171462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	160812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80054	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	61842	60.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.32%	
35) Dibromofluoromethane	7.88	113	53372	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
50) Toluene-d8	10.32	98	229583	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
62) 4-Bromofluorobenzene	12.62	95	88557	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	24873	23.994	ug/l	97
3) Chloromethane	2.21	50	20456	23.678	ug/l	99
4) Vinyl Chloride	2.36	62	18369	21.611	ug/l	92
5) Bromomethane	2.77	94	10028	22.104	ug/l	89
6) Chloroethane	2.91	64	10201	21.771	ug/l	96
7) Trichlorofluoromethane	3.26	101	35965	21.518	ug/l	98
8) Diethyl Ether	3.68	74	12931	24.010	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	23338	21.538	ug/l	100
10) Methyl Iodide	4.26	142	23282	18.770	ug/l	99
11) Tert butyl alcohol	5.20	59	9222m	137.814	ug/l	
12) 1,1-Dichloroethene	4.04	96	20884	21.975	ug/l	97
13) Acrolein	3.90	56	7671	111.626	ug/l	100
14) Allyl chloride	4.67	41	34570	21.932	ug/l	99
15) Acrylonitrile	5.38	53	23952	118.330	ug/l	99
16) Acetone	4.14	43	18025	120.778	ug/l	96
17) Carbon Disulfide	4.38	76	69025	22.466	ug/l	99
18) Methyl Acetate	4.67	43	12719	23.932	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	61362	24.728	ug/l	100
20) Methylene Chloride	4.92	84	28175	20.504	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	25218	22.779	ug/l	93
22) Diisopropyl ether	6.31	45	71701	23.371	ug/l	97
23) Vinyl Acetate	6.26	43	197216	121.048	ug/l	100
24) 1,1-Dichloroethane	6.21	63	41359	22.160	ug/l	98
25) 2-Butanone	7.17	43	29970	117.249	ug/l	99
26) 2,2-Dichloropropane	7.17	77	35429	21.109	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	26773	22.710	ug/l	99
28) Bromochloromethane	7.51	49	15145	21.711	ug/l #	98
29) Tetrahydrofuran	7.54	42	19293	116.542	ug/l	99
30) Chloroform	7.68	83	43895	22.137	ug/l	94
31) Cyclohexane	7.95	56	44807	22.633	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	41680	23.337	ug/l	99
36) 1,1-Dichloropropene	8.09	75	37923	22.633	ug/l	100
37) Ethyl Acetate	7.26	43	14806	24.385	ug/l	97
38) Carbon Tetrachloride	8.07	117	35943	22.402	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007020.D
 Acq On : 22 Nov 2018 02:02
 Operator : VAY/AP
 Sample : VW1122SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1122SBS02

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 1:04:52 PM

Quant Time: Nov 22 06:01:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	43689	20.836	ug/l	97
40) Benzene	8.32	78	101366	22.412	ug/l	100
41) Methacrylonitrile	7.48	41	8752	23.211	ug/l	93
42) 1,2-Dichloroethane	8.40	62	29705	22.622	ug/l	100
43) Isopropyl Acetate	8.42	43	26846	23.202	ug/l	98
44) Trichloroethene	9.09	130	28640	22.589	ug/l	98
45) 1,2-Dichloropropane	9.37	63	25606	22.967	ug/l	100
46) Dibromomethane	9.46	93	12700	22.746	ug/l	99
47) Bromodichloromethane	9.65	83	34221	23.263	ug/l	99
48) Methyl methacrylate	9.44	41	11879	21.292	ug/l	95
49) 1,4-Dioxane	9.48	88	3527	425.014	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	65011	111.181	ug/l	100
52) Toluene	10.39	92	66706	21.672	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	31621	22.190	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	38155	22.162	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	18666	22.723	ug/l	98
56) Ethyl methacrylate	10.65	69	21281	22.318	ug/l	99
57) 1,3-Dichloropropane	10.93	76	32319	23.477	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	56390	113.172	ug/l	99
59) 2-Hexanone	10.97	43	43183	107.845	ug/l	98
60) Dibromochloromethane	11.13	129	21453	22.919	ug/l	98
61) 1,2-Dibromoethane	11.24	107	17611	23.436	ug/l	98
64) Tetrachloroethene	10.87	164	23331	22.552	ug/l	98
65) Chlorobenzene	11.66	112	72492	21.598	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	22938	22.592	ug/l	98
67) Ethyl Benzene	11.73	91	130500	21.165	ug/l	99
68) m/p-Xylenes	11.84	106	104579	43.231	ug/l	99
69) o-Xylene	12.17	106	48861	21.421	ug/l	99
70) Styrene	12.18	104	78154	21.528	ug/l	100
71) Bromoform	12.35	173	11027	23.054	ug/l #	98
73) Isopropylbenzene	12.47	105	133695	21.489	ug/l	100
74) N-amyl acetate	12.27	43	22773	21.839	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	18661	22.537	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	14117m	22.441	ug/l	
77) Bromobenzene	12.75	156	28860	21.597	ug/l	99
78) n-propylbenzene	12.81	91	156903	20.819	ug/l	100
79) 2-Chlorotoluene	12.90	91	92841	21.365	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	114668	21.313	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	5475	21.851	ug/l	94
82) 4-Chlorotoluene	12.99	91	97661	21.416	ug/l	99
83) tert-Butylbenzene	13.21	119	96807	20.783	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	114399	21.342	ug/l	99
85) sec-Butylbenzene	13.39	105	137377	20.876	ug/l	100
86) p-Isopropyltoluene	13.51	119	121686	20.960	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	58728	21.527	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	58727	21.591	ug/l	100
89) n-Butylbenzene	13.83	91	112973	20.678	ug/l	98
90) Hexachloroethane	14.10	117	17727	20.915	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	51400	21.502	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2974	21.267	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
Data File : VW007020.D
Acq On : 22 Nov 2018 02:02
Operator : VAY/AP
Sample : VW1122SBS02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1122SBS02

Manual Integrations
APPROVED

MMDadoda
11/26/2018 1:04:52 PM

Quant Time: Nov 22 06:01:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31965	20.279	ug/l	99
94) Hexachlorobutadiene	15.24	225	17459	20.374	ug/l	99
95) Naphthalene	15.37	128	57875	20.227	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	26942	20.602	ug/l	100

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

