

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007379.D
 Acq On : 11 Dec 2018 03:33
 Operator : SY/AP
 Sample : VW1211SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

Manual Integrations
 APPROVED

sam
 12/27/2018 8:19:39 AM

Quant Time: Dec 11 04:29:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	88467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	147136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	129743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	58967	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	46632	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	7.88	113	45127	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.32	98	172055	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.62	95	62725	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	12510	20.236	ug/l	100
3) Chloromethane	2.21	50	11226	21.682	ug/l	98
4) Vinyl Chloride	2.37	62	12979	21.361	ug/l	98
5) Bromomethane	2.78	94	8912	21.830	ug/l	96
6) Chloroethane	2.92	64	6844	20.463	ug/l	90
7) Trichlorofluoromethane	3.26	101	10888	19.932	ug/l	99
8) Diethyl Ether	3.67	74	9125	21.343	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17987	19.956	ug/l	98
10) Methyl Iodide	4.26	142	31575	21.151	ug/l	98
11) Tert butyl alcohol	5.17	59	7909	117.333	ug/l	98
12) 1,1-Dichloroethene	4.03	96	17923	20.652	ug/l	98
13) Acrolein	3.89	56	4660	104.479	ug/l	100
14) Allyl chloride	4.67	41	27398	21.418	ug/l	98
15) Acrylonitrile	5.37	53	18148	100.690	ug/l	99
16) Acetone	4.12	43	16036	93.540	ug/l	92
17) Carbon Disulfide	4.37	76	55035	20.915	ug/l	99
18) Methyl Acetate	4.67	43	9684	20.813	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	28330	21.639	ug/l	96
20) Methylene Chloride	4.90	84	20671	19.673	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	20461	21.076	ug/l	97
22) Diisopropyl ether	6.32	45	52330	21.283	ug/l	98
23) Vinyl Acetate	6.26	43	142018	103.263	ug/l	97
24) 1,1-Dichloroethane	6.21	63	34903	21.003	ug/l	99
25) 2-Butanone	7.17	43	21014	93.893	ug/l	97
26) 2,2-Dichloropropane	7.16	77	22019	20.020	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	22244	20.926	ug/l	97
28) Bromochloromethane	7.51	49	11959	19.132	ug/l	98
29) Tetrahydrofuran	7.53	42	14425	101.810	ug/l	99
30) Chloroform	7.67	83	37637	20.812	ug/l	97
31) Cyclohexane	7.95	56	30539	20.030	ug/l	# 84
32) 1,1,1-Trichloroethane	7.87	97	32670	20.600	ug/l	99
36) 1,1-Dichloropropene	8.08	75	28244	21.043	ug/l	99
37) Ethyl Acetate	7.25	43	10678	21.389	ug/l	96
38) Carbon Tetrachloride	8.07	117	30695	21.018	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007379.D
 Acq On : 11 Dec 2018 03:33
 Operator : SY/AP
 Sample : VW1211SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

Manual Integrations
 APPROVED

sam
 12/27/2018 8:19:39 AM

Quant Time: Dec 11 04:29:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	34503	21.229	ug/l	87
40) Benzene	8.32	78	81531	21.888	ug/l	99
41) Methacrylonitrile	7.48	41	6707	23.593	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	24920	21.297	ug/l	99
43) Isopropyl Acetate	8.42	43	21151	21.449	ug/l	99
44) Trichloroethene	9.09	130	23537	22.128	ug/l	96
45) 1,2-Dichloropropane	9.37	63	18797	21.807	ug/l	99
46) Dibromomethane	9.46	93	10458	21.364	ug/l	97
47) Bromodichloromethane	9.65	83	27648	21.533	ug/l	95
48) Methyl methacrylate	9.44	41	10635	20.999	ug/l	97
49) 1,4-Dioxane	9.45	88	3415	429.958	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	47953	102.917	ug/l	96
52) Toluene	10.39	92	50979	21.148	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	26751	21.460	ug/l #	88
54) cis-1,3-Dichloropropene	10.07	75	30797	21.372	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	14204	21.320	ug/l	91
56) Ethyl methacrylate	10.65	69	17227	21.513	ug/l	95
57) 1,3-Dichloropropane	10.93	76	24001	21.949	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	32168	87.111	ug/l	100
59) 2-Hexanone	10.97	43	31228	100.512	ug/l	98
60) Dibromochloromethane	11.13	129	17965	21.367	ug/l	100
61) 1,2-Dibromoethane	11.24	107	13514	20.526	ug/l	99
64) Tetrachloroethene	10.87	164	18971	20.333	ug/l	95
65) Chlorobenzene	11.66	112	58543	21.648	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.73	131	20000	20.999	ug/l	99
67) Ethyl Benzene	11.73	91	102448	22.035	ug/l	96
68) m/p-Xylenes	11.83	106	74991	41.489	ug/l	94
69) o-Xylene	12.17	106	34926	20.690	ug/l	99
70) Styrene	12.18	104	56580	20.751	ug/l	99
71) Bromoform	12.35	173	9368	19.217	ug/l #	95
73) Isopropylbenzene	12.47	105	103357	22.875	ug/l	97
74) N-amyl acetate	12.27	43	16870	20.544	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	13658	20.409	ug/l	92
76) 1,2,3-Trichloropropane	12.77	75	9640m	19.827	ug/l	
77) Bromobenzene	12.75	156	22661	22.627	ug/l	96
78) n-propylbenzene	12.81	91	123944	24.375	ug/l	95
79) 2-Chlorotoluene	12.90	91	68190	22.163	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	85054	22.403	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	4348	19.755	ug/l	95
82) 4-Chlorotoluene	12.99	91	71412	22.019	ug/l	96
83) tert-Butylbenzene	13.21	119	72457	21.660	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	85781	21.957	ug/l	98
85) sec-Butylbenzene	13.39	105	99999	21.898	ug/l	97
86) p-Isopropyltoluene	13.51	119	88159	21.489	ug/l	96
87) 1,3-Dichlorobenzene	13.51	146	43393	21.731	ug/l	94
88) 1,4-Dichlorobenzene	13.58	146	45587	22.709	ug/l	98
89) n-Butylbenzene	13.83	91	82220	21.618	ug/l	96
90) Hexachloroethane	14.10	117	15878	21.752	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	40317	22.542	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2896	21.564	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
Data File : VW007379.D
Acq On : 11 Dec 2018 03:33
Operator : SY/AP
Sample : VW1211SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

Manual Integrations
APPROVED

sam
12/27/2018 8:19:39 AM

Quant Time: Dec 11 04:29:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	29429	23.910	ug/l	91
94) Hexachlorobutadiene	15.24	225	14314	21.918	ug/l	96
95) Naphthalene	15.38	128	52570	22.327	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	24578	22.988	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007379.D
 Acq On : 11 Dec 2018 03:33
 Operator : SY/AP
 Sample : VW1211SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

Manual Integrations
 APPROVED

sam
 12/27/2018 8:19:39 AM

Quant Time: Dec 11 04:29:47 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

