

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100618\
 Data File : VW005870.D
 Acq On : 05 Oct 2018 00:56
 Operator : SY/AP
 Sample : VW1006SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBS01

Manual Integrations
 APPROVED

apatel
 10/5/2018 3:12:54 PM

Quant Time: Oct 05 01:24:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	271130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	137766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112791	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	7.89	113	89749	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.33	98	385962	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
62) 4-Bromofluorobenzene	12.62	95	142870	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19690	18.637	ug/l	86
3) Chloromethane	2.21	50	24462	19.214	ug/l	99
4) Vinyl Chloride	2.37	62	35080	18.817	ug/l	93
5) Bromomethane	2.78	94	24117	18.563	ug/l	100
6) Chloroethane	2.93	64	21175	18.571	ug/l	98
7) Trichlorofluoromethane	3.26	101	22184	17.303	ug/l	97
8) Diethyl Ether	3.67	74	19168	19.715	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	36313	20.478	ug/l	99
10) Methyl Iodide	4.26	142	55079	19.143	ug/l	97
11) Tert butyl alcohol	5.21	59	14142m	104.204	ug/l	
12) 1,1-Dichloroethene	4.03	96	34297	19.739	ug/l	93
13) Acrolein	3.89	56	15442	113.246	ug/l	98
14) Allyl chloride	4.66	41	55137	19.553	ug/l	100
15) Acrylonitrile	5.37	53	43480	105.533	ug/l	99
16) Acetone	4.14	43	40561	108.289	ug/l	99
17) Carbon Disulfide	4.37	76	99993	18.201	ug/l	98
18) Methyl Acetate	4.68	43	21108	19.815	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	55740	20.435	ug/l	94
20) Methylene Chloride	4.92	84	41581	14.905	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	37681	19.869	ug/l	98
22) Diisopropyl ether	6.32	45	103504	18.703	ug/l	95
23) Vinyl Acetate	6.26	43	311049	98.945	ug/l	99
24) 1,1-Dichloroethane	6.21	63	67337	18.752	ug/l	97
25) 2-Butanone	7.18	43	55326	105.004	ug/l	97
26) 2,2-Dichloropropane	7.17	77	43128	19.235	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	40829	19.314	ug/l	97
28) Bromochloromethane	7.52	49	25577	20.166	ug/l	99
29) Tetrahydrofuran	7.54	42	33658	103.478	ug/l	98
30) Chloroform	7.68	83	73783	19.173	ug/l	100
31) Cyclohexane	7.96	56	55979	18.235	ug/l	88
32) 1,1,1-Trichloroethane	7.88	97	61833	18.826	ug/l	100
36) 1,1-Dichloropropene	8.09	75	52087	19.327	ug/l	99
37) Ethyl Acetate	7.26	43	23346	20.814	ug/l	99
38) Carbon Tetrachloride	8.07	117	58389	19.444	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100618\
 Data File : VW005870.D
 Acq On : 05 Oct 2018 00:56
 Operator : SY/AP
 Sample : VW1006SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1006SBSD01

Manual Integrations
 APPROVED

apatel
 10/5/2018 3:12:54 PM

Quant Time: Oct 05 01:24:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	58866	19.402	ug/l	97
40) Benzene	8.32	78	149884	19.189	ug/l	98
41) Methacrylonitrile	7.49	41	14142	21.099	ug/l	94
42) 1,2-Dichloroethane	8.40	62	52756	20.081	ug/l	99
43) Isopropyl Acetate	8.43	43	45614	20.574	ug/l	99
44) Trichloroethene	9.10	130	39348	19.061	ug/l	95
45) 1,2-Dichloropropane	9.37	63	34505	18.656	ug/l	100
46) Dibromomethane	9.46	93	19372	19.151	ug/l	98
47) Bromodichloromethane	9.65	83	51001	19.050	ug/l	96
48) Methyl methacrylate	9.44	41	20619	19.209	ug/l	94
49) 1,4-Dioxane	9.46	88	6329	400.445	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	126757	109.898	ug/l	99
52) Toluene	10.39	92	105250	21.142	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	54290	20.769	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	60188	20.566	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	30888	21.137	ug/l	95
56) Ethyl methacrylate	10.65	69	37362	21.348	ug/l	97
57) 1,3-Dichloropropane	10.93	76	52961	21.288	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	80717	112.184	ug/l	99
59) 2-Hexanone	10.98	43	85788	111.202	ug/l	99
60) Dibromochloromethane	11.13	129	36978	20.270	ug/l	91
61) 1,2-Dibromoethane	11.24	107	28711	21.151	ug/l	99
64) Tetrachloroethene	10.87	164	40424	18.711	ug/l	95
65) Chlorobenzene	11.66	112	117305	19.384	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	42534	18.962	ug/l	97
67) Ethyl Benzene	11.74	91	196818	18.993	ug/l	97
68) m/p-Xylenes	11.85	106	157235	39.377	ug/l	99
69) o-Xylene	12.17	106	72120	19.432	ug/l	99
70) Styrene	12.19	104	125083	19.869	ug/l	98
71) Bromoform	12.35	173	23845	19.310	ug/l #	100
73) Isopropylbenzene	12.47	105	203655	21.485	ug/l	98
74) N-amyl acetate	12.28	43	46186	22.389	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	37018	22.761	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	24867m	19.861	ug/l	
77) Bromobenzene	12.75	156	50006	21.367	ug/l	99
78) n-propylbenzene	12.81	91	247843	21.983	ug/l	98
79) 2-Chlorotoluene	12.90	91	143962	21.438	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	181405	22.037	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	11512	23.242	ug/l	98
82) 4-Chlorotoluene	12.99	91	150635	21.281	ug/l	99
83) tert-Butylbenzene	13.21	119	150567	21.933	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	184190	21.792	ug/l	98
85) sec-Butylbenzene	13.39	105	211546	21.347	ug/l	98
86) p-Isopropyltoluene	13.51	119	195737	22.005	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	99211	21.014	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	98154	20.837	ug/l	98
89) n-Butylbenzene	13.83	91	180541	22.038	ug/l	98
90) Hexachloroethane	14.10	117	35825	21.420	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	93088	21.930	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7088	22.542	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100618\
Data File : VW005870.D
Acq On : 05 Oct 2018 00:56
Operator : SY/AP
Sample : VW1006SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1006SBSD01

Manual Integrations
APPROVED

apatel
10/5/2018 3:12:54 PM

Quant Time: Oct 05 01:24:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 04 07:08:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	64720	21.817	ug/l	98
94) Hexachlorobutadiene	15.24	225	41155	21.940	ug/l	98
95) Naphthalene	15.38	128	112283	21.214	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	58634	21.985	ug/l	99

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

