

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007284.D
 Acq On : 06 Dec 2018 17:48
 Operator : SY/AP
 Sample : VW1206SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1206SBS01

Manual Integrations
 APPROVED

apatel
 12/7/2018 12:20:00 PM

Quant Time: Dec 06 18:25:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	93566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	140820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68159	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	44351	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
35) Dibromofluoromethane	7.89	113	41324	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	10.33	98	179740	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.62	95	67378	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	22641	22.117	ug/l	97
3) Chloromethane	2.22	50	23975	18.494	ug/l	94
4) Vinyl Chloride	2.35	62	16158	19.907	ug/l	96
5) Bromomethane	2.75	94	10189	25.051	ug/l	91
6) Chloroethane	2.91	64	9253	20.317	ug/l	92
7) Trichlorofluoromethane	3.26	101	34154	21.582	ug/l	95
8) Diethyl Ether	3.69	74	9343	21.181	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	20239	21.172	ug/l	99
10) Methyl Iodide	4.28	142	13788	16.931	ug/l	99
11) Tert butyl alcohol	5.16	59	8413	88.984	ug/l #	89
12) 1,1-Dichloroethene	4.04	96	18119	20.225	ug/l	96
13) Acrolein	3.90	56	5810	95.183	ug/l	97
14) Allyl chloride	4.68	41	27647	19.253	ug/l	96
15) Acrylonitrile	5.37	53	19028	103.186	ug/l	100
16) Acetone	4.13	43	19604	95.060	ug/l	96
17) Carbon Disulfide	4.38	76	59976	20.310	ug/l	99
18) Methyl Acetate	4.68	43	9947	21.131	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	43002	20.387	ug/l	97
20) Methylene Chloride	4.92	84	24260	20.257	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	20106	20.100	ug/l	94
22) Diisopropyl ether	6.32	45	52065	20.197	ug/l	97
23) Vinyl Acetate	6.26	43	143066	101.711	ug/l	99
24) 1,1-Dichloroethane	6.22	63	33416	20.225	ug/l	97
25) 2-Butanone	7.18	43	23243	97.226	ug/l	97
26) 2,2-Dichloropropane	7.17	77	33161	20.885	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	21647	20.187	ug/l	99
28) Bromochloromethane	7.52	49	12069	20.258	ug/l	98
29) Tetrahydrofuran	7.53	42	14826	100.360	ug/l	99
30) Chloroform	7.68	83	34889	20.318	ug/l	95
31) Cyclohexane	7.96	56	35234	20.381	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	34040	21.065	ug/l	99
36) 1,1-Dichloropropene	8.09	75	29056	21.206	ug/l	100
37) Ethyl Acetate	7.26	43	10427	21.038	ug/l	98
38) Carbon Tetrachloride	8.07	117	29329	20.971	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007284.D
 Acq On : 06 Dec 2018 17:48
 Operator : SY/AP
 Sample : VW1206SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1206SBS01

Manual Integrations
 APPROVED

apatel
 12/7/2018 12:20:00 PM

Quant Time: Dec 06 18:25:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	37805	20.611	ug/l	97
40) Benzene	8.32	78	77609	20.656	ug/l	99
41) Methacrylonitrile	7.48	41	6464	21.773	ug/l	93
42) 1,2-Dichloroethane	8.40	62	23092	21.991	ug/l	100
43) Isopropyl Acetate	8.43	43	20690	21.493	ug/l	99
44) Trichloroethene	9.10	130	22678	21.473	ug/l	95
45) 1,2-Dichloropropane	9.37	63	18146	20.754	ug/l	99
46) Dibromomethane	9.46	93	9694	21.337	ug/l	97
47) Bromodichloromethane	9.65	83	25718	21.520	ug/l	97
48) Methyl methacrylate	9.44	41	11007	22.031	ug/l	98
49) 1,4-Dioxane	9.45	88	3237	407.848	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	49493	104.331	ug/l	98
52) Toluene	10.39	92	54765	20.954	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	25990	21.631	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	29140	20.694	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	13807	21.365	ug/l	94
56) Ethyl methacrylate	10.65	69	17240	20.451	ug/l	97
57) 1,3-Dichloropropane	10.93	76	22875	20.966	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	39545	116.789	ug/l	99
59) 2-Hexanone	10.97	43	37133	107.980	ug/l	96
60) Dibromochloromethane	11.13	129	16473	20.739	ug/l	100
61) 1,2-Dibromoethane	11.24	107	13088	21.115	ug/l	100
64) Tetrachloroethene	10.87	164	19752	20.722	ug/l	97
65) Chlorobenzene	11.66	112	58587	20.107	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	18491	20.549	ug/l	99
67) Ethyl Benzene	11.73	91	101739	19.158	ug/l	99
68) m/p-Xylenes	11.84	106	80814	38.790	ug/l	90
69) o-Xylene	12.17	106	38907	19.989	ug/l	94
70) Styrene	12.18	104	63052	19.789	ug/l	95
71) Bromoform	12.35	173	9249	20.532	ug/l #	98
73) Isopropylbenzene	12.47	105	105498	19.031	ug/l	98
74) N-amyl acetate	12.27	43	19492	19.832	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	14571	20.239	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	9219m	17.468	ug/l	
77) Bromobenzene	12.75	156	23201	19.389	ug/l	98
78) n-propylbenzene	12.80	91	127715	19.338	ug/l	97
79) 2-Chlorotoluene	12.90	91	72549	19.452	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	91756	19.348	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	4813	19.656	ug/l	93
82) 4-Chlorotoluene	12.99	91	80647	20.326	ug/l	95
83) tert-Butylbenzene	13.21	119	81019	19.549	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	93517	19.318	ug/l	96
85) sec-Butylbenzene	13.39	105	111977	18.926	ug/l	100
86) p-Isopropyltoluene	13.51	119	108918	20.680	ug/l	96
87) 1,3-Dichlorobenzene	13.51	146	48309	19.666	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	47658	19.207	ug/l	96
89) n-Butylbenzene	13.83	91	95526	19.409	ug/l	98
90) Hexachloroethane	14.10	117	14768	18.400	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	42783	20.118	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2830	20.291	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007284.D
 Acq On : 06 Dec 2018 17:48
 Operator : SY/AP
 Sample : VW1206SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1206SBSD01

Manual Integrations
 APPROVED

apatel
 12/7/2018 12:20:00 PM

Quant Time: Dec 06 18:25:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30698	20.830	ug/l	94
94) Hexachlorobutadiene	15.24	225	16415	20.655	ug/l	100
95) Naphthalene	15.38	128	52294	19.799	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	25013	20.128	ug/l	98

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

