

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121218\
 Data File : VX006458.D
 Acq On : 12 Dec 2018 21:06
 Operator : JC/MD
 Sample : J6358-12MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 11:05:16 AM

Quant Time: Dec 13 07:12:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	556011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	850221	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	787338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	400265	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	296988	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
35) Dibromofluoromethane	5.51	113	283960	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	8.71	98	1033792	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.13	95	388904	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	275927	50.683	ug/l	98
3) Chloromethane	1.33	50	286742	51.254	ug/l	98
4) Vinyl Chloride	1.41	62	316657	52.590	ug/l	99
5) Bromomethane	1.64	94	291208	69.786	ug/l	99
6) Chloroethane	1.71	64	195012	52.823	ug/l	99
7) Trichlorofluoromethane	1.92	101	486916	52.681	ug/l	98
8) Diethyl Ether	2.19	74	188291	53.828	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	278913	53.070	ug/l	98
10) Methyl Iodide	2.51	142	453645	57.276	ug/l	98
11) Tert butyl alcohol	3.08	59	373818	240.823	ug/l	99
12) 1,1-Dichloroethene	2.37	96	270130	53.692	ug/l	92
13) Acrolein	2.30	56	195300	230.197	ug/l	99
14) Allyl chloride	2.73	41	461989	46.485	ug/l	98
15) Acrylonitrile	3.15	53	823199	254.138	ug/l	100
16) Acetone	2.45	43	668840	251.094	ug/l	96
17) Carbon Disulfide	2.57	76	756541	48.799	ug/l	98
18) Methyl Acetate	2.78	43	423278	47.517	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	934668	52.076	ug/l	99
20) Methylene Chloride	2.85	84	303046	53.457	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	290333	54.151	ug/l	91
22) Diisopropyl ether	3.87	45	829766	53.452	ug/l	96
23) Vinyl Acetate	3.82	43	3233525	244.220	ug/l	99
24) 1,1-Dichloroethane	3.70	63	481011	54.212	ug/l	100
25) 2-Butanone	4.70	43	996597	262.213	ug/l	95
26) 2,2-Dichloropropane	4.59	77	347669	42.457	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	334608	55.950	ug/l	96
28) Bromochloromethane	5.02	49	202777	52.321	ug/l	98
29) Tetrahydrofuran	5.15	42	679483	257.234	ug/l	97
30) Chloroform	5.21	83	516398	55.382	ug/l	98
31) Cyclohexane	5.57	56	443788	54.121	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	462593	52.143	ug/l	100
36) 1,1-Dichloropropene	5.80	75	380969	53.210	ug/l	99
37) Ethyl Acetate	4.85	43	378229	47.173	ug/l	97
38) Carbon Tetrachloride	5.78	117	414840	49.252	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121218\
 Data File : VX006458.D
 Acq On : 12 Dec 2018 21:06
 Operator : JC/MD
 Sample : J6358-12MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 11:05:16 AM

Quant Time: Dec 13 07:12:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	493210	53.070	ug/l	98
40) Benzene	6.14	78	1170070	54.564	ug/l	97
41) Methacrylonitrile	5.06	41	219490	49.749	ug/l	99
42) 1,2-Dichloroethane	6.20	62	381108	54.303	ug/l	99
43) Isopropyl Acetate	6.46	43	624379	46.706	ug/l	98
44) Trichloroethene	7.21	130	345104	53.123	ug/l	95
45) 1,2-Dichloropropane	7.52	63	289168	53.058	ug/l	99
46) Dibromomethane	7.66	93	209582	53.246	ug/l	97
47) Bromodichloromethane	7.90	83	377184	49.483	ug/l	98
48) Methyl methacrylate	7.77	41	323291	49.710	ug/l	97
49) 1,4-Dioxane	7.75	88	161902	1010.067	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1965978	252.623	ug/l	98
52) Toluene	8.79	92	774629	54.907	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	419262	47.032	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	451014	48.723	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	314451	54.864	ug/l	99
56) Ethyl methacrylate	9.18	69	466773	52.095	ug/l	97
57) 1,3-Dichloropropane	9.37	76	490320	54.101	ug/l	99
59) 2-Hexanone	9.49	43	1467743	246.859	ug/l	99
60) Dibromochloromethane	9.59	129	347870	49.222	ug/l	99
61) 1,2-Dibromoethane	9.67	107	347573	54.235	ug/l	98
64) Tetrachloroethene	9.34	164	309141	52.137	ug/l	99
65) Chlorobenzene	10.14	112	906903	54.262	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	328293	50.555	ug/l	99
67) Ethyl Benzene	10.25	91	1487353	53.506	ug/l	100
68) m/p-Xylenes	10.36	106	1185528	106.469	ug/l	99
69) o-Xylene	10.70	106	586729	53.345	ug/l	99
70) Stvrene	10.71	104	937817	52.719	ug/l	99
71) Bromoform	10.86	173	264329	43.121	ug/l	99
73) Isopropylbenzene	11.02	105	1535968	55.567	ug/l	100
74) N-amyl acetate	10.90	43	546879	45.944	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	466565	52.760	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	420079m	54.374	ug/l	
77) Bromobenzene	11.26	156	418189	54.515	ug/l	99
78) n-propylbenzene	11.36	91	1684142	54.811	ug/l	99
79) 2-Chlorotoluene	11.42	91	996758	54.579	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1273464	55.371	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	137780	41.851	ug/l	90
82) 4-Chlorotoluene	11.51	91	1145264	53.937	ug/l	100
83) tert-Butylbenzene	11.77	119	1326030	54.038	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1305369	54.967	ug/l	99
85) sec-Butylbenzene	11.94	105	1543241	55.281	ug/l	100
86) p-Isopropyltoluene	12.07	119	1381549	54.959	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	741559	54.328	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	736635	53.171	ug/l	99
89) n-Butylbenzene	12.39	91	1142118	53.249	ug/l	99
90) Hexachloroethane	12.60	117	240565	46.955	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	719977	53.148	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	102341	45.146	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	512054	51.811	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
Data File : VX006458.D
Acq On : 12 Dec 2018 21:06
Operator : JC/MD
Sample : J6358-12MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211MSD

Manual Integrations
APPROVED

MMDadoda
12/13/2018 11:05:16 AM

Quant Time: Dec 13 07:12:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	227067	51.951	ug/l	99
95) Naphthalene	13.83	128	1642827	53.437	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	517188	52.833	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006458.D
 Acq On : 12 Dec 2018 21:06
 Operator : JC/MD
 Sample : J6358-12MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 11:05:16 AM

Quant Time: Dec 13 07:12:38 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

