

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX110719\
 Data File : VX013348.D
 Acq On : 07 Nov 2019 13:14
 Operator : JC/SP
 Sample : VX1107WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 9:33:13 AM

Quant Time: Nov 07 16:36:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	732782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1095531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	986385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	483466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	389613	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
35) Dibromofluoromethane	5.48	113	324128	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
50) Toluene-d8	8.71	98	1236238	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	11.13	95	435547	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	159166	18.852	ug/l	98
3) Chloromethane	1.31	50	175678	19.187	ug/l	99
4) Vinyl Chloride	1.40	62	199648	19.153	ug/l	99
5) Bromomethane	1.62	94	125020	17.211	ug/l	99
6) Chloroethane	1.72	64	109626	17.627	ug/l	98
7) Trichlorofluoromethane	1.92	101	218707	17.759	ug/l	96
8) Diethyl Ether	2.18	74	98933	18.167	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	131509	19.159	ug/l	99
10) Methyl Iodide	2.50	142	150517	17.712	ug/l	97
11) Tert butyl alcohol	3.03	59	195124	85.276	ug/l	98
12) 1,1-Dichloroethene	2.36	96	129637	19.286	ug/l	96
13) Acrolein	2.28	56	105173	84.810	ug/l	99
14) Allyl chloride	2.72	41	245414	20.094	ug/l	95
15) Acrylonitrile	3.13	53	430525	100.728	ug/l	97
16) Acetone	2.43	43	437438	101.022	ug/l	98
17) Carbon Disulfide	2.56	76	339643	18.879	ug/l	100
18) Methyl Acetate	2.76	43	237439	19.862	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	453091	20.210	ug/l	98
20) Methylene Chloride	2.84	84	153636	19.203	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	142980	19.536	ug/l	94
22) Diisopropyl ether	3.84	45	488531	20.719	ug/l	# 89
23) Vinyl Acetate	3.80	43	2013246	99.783	ug/l	99
24) 1,1-Dichloroethane	3.69	63	261152	19.799	ug/l	99
25) 2-Butanone	4.65	43	631058	99.343	ug/l	98
26) 2,2-Dichloropropane	4.57	77	209302	19.947	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	165444	20.180	ug/l	99
28) Bromochloromethane	5.00	49	74856	19.988	ug/l	98
29) Tetrahydrofuran	5.11	42	384433	98.206	ug/l	99
30) Chloroform	5.20	83	256928	19.727	ug/l	100
31) Cyclohexane	5.57	56	227930	19.204	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	217328	19.389	ug/l	100
36) 1,1-Dichloropropene	5.79	75	190106	20.228	ug/l	99
37) Ethyl Acetate	4.82	43	232711	20.039	ug/l	99
38) Carbon Tetrachloride	5.77	117	182468	19.854	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX110719\
 Data File : VX013348.D
 Acq On : 07 Nov 2019 13:14
 Operator : JC/SP
 Sample : VX1107WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1107WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 9:33:13 AM

Quant Time: Nov 07 16:36:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	232163	19.825	ug/l	99
40) Benzene	6.13	78	595990	20.358	ug/l	99
41) Methacrylonitrile	5.03	41	128096	19.679	ug/l	99
42) 1,2-Dichloroethane	6.18	62	216191	20.473	ug/l	99
43) Isopropyl Acetate	6.43	43	361889	20.012	ug/l	99
44) Trichloroethene	7.21	130	156899	19.470	ug/l	96
45) 1,2-Dichloropropane	7.51	63	155026	20.783	ug/l	99
46) Dibromomethane	7.65	93	99484	19.534	ug/l	98
47) Bromodichloromethane	7.89	83	196702	20.482	ug/l	92
48) Methyl methacrylate	7.76	41	181409	20.096	ug/l	97
49) 1,4-Dioxane	7.73	88	80145	387.683	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1186412	99.997	ug/l	100
52) Toluene	8.78	92	373039	20.559	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	210106	20.007	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	241820	20.585	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	156891	20.861	ug/l	95
56) Ethyl methacrylate	9.17	69	240387	19.700	ug/l	98
57) 1,3-Dichloropropane	9.37	76	256789	20.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	506641	98.523	ug/l	100
59) 2-Hexanone	9.48	43	918237	100.150	ug/l	99
60) Dibromochloromethane	9.57	129	157407	20.464	ug/l	99
61) 1,2-Dibromoethane	9.67	107	161081	20.170	ug/l	99
64) Tetrachloroethene	9.33	164	142500	20.181	ug/l	98
65) Chlorobenzene	10.14	112	401961	20.128	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	151163	20.616	ug/l	98
67) Ethyl Benzene	10.25	91	696386	20.205	ug/l	99
68) m/p-Xylenes	10.35	106	534343	40.994	ug/l	99
69) o-Xylene	10.70	106	260092	20.381	ug/l	98
70) Styrene	10.71	104	439096	20.584	ug/l	98
71) Bromoform	10.85	173	118122	19.464	ug/l #	98
73) Isopropylbenzene	11.01	105	684804	21.364	ug/l	100
74) N-amyl acetate	10.89	43	316559	21.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	247421	21.158	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	191293m	19.480	ug/l	
77) Bromobenzene	11.25	156	179494	21.005	ug/l	98
78) n-propylbenzene	11.35	91	759958	21.283	ug/l	99
79) 2-Chlorotoluene	11.42	91	457329	21.258	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	574657	21.523	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	78030	20.453	ug/l	99
82) 4-Chlorotoluene	11.51	91	522008	20.728	ug/l	100
83) tert-Butylbenzene	11.76	119	583642	21.715	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	575728	21.495	ug/l	99
85) sec-Butylbenzene	11.94	105	658677	21.324	ug/l	99
86) p-Isopropyltoluene	12.06	119	602861	21.195	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	312937	20.544	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	314932	20.293	ug/l	99
89) n-Butylbenzene	12.38	91	505735	20.377	ug/l	100
90) Hexachloroethane	12.59	117	106023	20.921	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	313780	20.608	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	51242	17.986	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110719\
Data File : VX013348.D
Acq On : 07 Nov 2019 13:14
Operator : JC/SP
Sample : VX1107WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:13 AM

Quant Time: Nov 07 16:36:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	209666	19.741	ug/l	100
94) Hexachlorobutadiene	13.78	225	100388	19.320	ug/l	98
95) Naphthalene	13.83	128	667041	20.018	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	213993	20.091	ug/l	99

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

