

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014891.D
 Acq On : 10 Feb 2020 16:31
 Operator : JC/SP
 Sample : VX0210WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:35:26 AM

Quant Time: Feb 11 07:14:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	446809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	665727	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	626725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	338092	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	250049	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	5.49	113	205247	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	8.71	98	788331	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	288799	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	83918	19.832	ug/l 99
3) Chloromethane	1.32	50	96337	20.082	ug/l 100
4) Vinyl Chloride	1.41	62	100109	19.371	ug/l 97
5) Bromomethane	1.64	94	63351	18.938	ug/l 99
6) Chloroethane	1.72	64	65720	19.875	ug/l 94
7) Trichlorofluoromethane	1.93	101	139613	19.336	ug/l 96
8) Diethyl Ether	2.18	74	59813	19.977	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79389	18.942	ug/l 97
10) Methyl Iodide	2.51	142	70441	18.128	ug/l 99
11) Tert butyl alcohol	3.02	59	88390	99.277	ug/l 100
12) 1,1-Dichloroethene	2.37	96	78668	19.209	ug/l 99
13) Acrolein	2.28	56	60786	89.578	ug/l 94
14) Allyl chloride	2.72	41	135515	18.663	ug/l 100
15) Acrylonitrile	3.13	53	217241	96.249	ug/l 99
16) Acetone	2.43	43	189788	61.840	ug/l 100
17) Carbon Disulfide	2.57	76	216221	18.896	ug/l 99
18) Methyl Acetate	2.76	43	96999	19.099	ug/l 98
19) Methyl tert-butyl Ether	3.19	73	258778	19.415	ug/l 97
20) Methylene Chloride	2.85	84	91158	18.792	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	85643	18.952	ug/l 95
22) Diisopropyl ether	3.84	45	269962	19.466	ug/l 96
23) Vinyl Acetate	3.81	43	1010613	88.401	ug/l 100
24) 1,1-Dichloroethane	3.69	63	151154	19.312	ug/l 99
25) 2-Butanone	4.65	43	301829	87.920	ug/l 98
26) 2,2-Dichloropropane	4.58	77	120684	17.892	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	96783	19.159	ug/l 99
28) Bromochloromethane	5.01	49	61257	20.192	ug/l 99
29) Tetrahydrofuran	5.11	42	193739	99.275	ug/l 99
30) Chloroform	5.20	83	149632	19.269	ug/l 95
31) Cyclohexane	5.58	56	136203	19.106	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	131639	19.379	ug/l 100
36) 1,1-Dichloropropene	5.79	75	115079	19.324	ug/l 99
37) Ethyl Acetate	4.82	43	117487	18.916	ug/l 98
38) Carbon Tetrachloride	5.78	117	109902	18.937	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014891.D
 Acq On : 10 Feb 2020 16:31
 Operator : JC/SP
 Sample : VX0210WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0210WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:35:26 AM

Quant Time: Feb 11 07:14:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	138738	18.628	ug/l	98
40) Benzene	6.14	78	344505	19.362	ug/l	98
41) Methacrylonitrile	5.03	41	63816	19.072	ug/l	96
42) 1,2-Dichloroethane	6.18	62	124611	19.377	ug/l	98
43) Isopropyl Acetate	6.43	43	201149	19.632	ug/l	98
44) Trichloroethene	7.21	130	99687	19.300	ug/l	97
45) 1,2-Dichloropropane	7.51	63	86279	19.014	ug/l	100
46) Dibromomethane	7.65	93	60349	19.456	ug/l	99
47) Bromodichloromethane	7.89	83	115194	18.730	ug/l	97
48) Methyl methacrylate	7.76	41	96339	19.106	ug/l	99
49) 1,4-Dioxane	7.73	88	38048	403.576	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	607315	98.163	ug/l	100
52) Toluene	8.78	92	216423	19.151	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	126258	18.732	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	138949	18.661	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	88183	19.287	ug/l	98
56) Ethyl methacrylate	9.17	69	132989	19.351	ug/l	99
57) 1,3-Dichloropropane	9.37	76	147263	19.134	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	328908	91.513	ug/l	100
59) 2-Hexanone	9.48	43	451518	92.850	ug/l	98
60) Dibromochloromethane	9.57	129	93460	18.994	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94908	19.238	ug/l	99
64) Tetrachloroethene	9.33	164	130030	22.191	ug/l	95
65) Chlorobenzene	10.14	112	239568	18.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	88846	19.252	ug/l	99
67) Ethyl Benzene	10.25	91	417248	19.300	ug/l	100
68) m/p-Xylenes	10.35	106	319011	38.305	ug/l	99
69) o-Xylene	10.70	106	152572	19.058	ug/l	98
70) Styrene	10.71	104	257878	19.041	ug/l	99
71) Bromoform	10.85	173	71172	18.476	ug/l #	98
73) Isopropylbenzene	11.01	105	407098	19.201	ug/l	99
74) N-amyl acetate	10.89	43	166219	18.868	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	128845	18.590	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	127455m	20.847	ug/l	
77) Bromobenzene	11.25	156	110895	18.739	ug/l	99
78) n-propylbenzene	11.35	91	467925	19.082	ug/l	100
79) 2-Chlorotoluene	11.42	91	273943	19.002	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	337453	19.048	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	41142	17.225	ug/l	92
82) 4-Chlorotoluene	11.51	91	319979	18.743	ug/l	99
83) tert-Butylbenzene	11.76	119	304854	18.172	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	345478	19.351	ug/l	100
85) sec-Butylbenzene	11.94	105	394236	18.917	ug/l	100
86) p-Isopropyltoluene	12.06	119	367290	18.833	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	195143	18.381	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	197717	18.237	ug/l	99
89) n-Butylbenzene	12.39	91	316262	18.107	ug/l	99
90) Hexachloroethane	12.59	117	62133	18.243	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	194910	18.721	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28532	17.547	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021020\
Data File : VX014891.D
Acq On : 10 Feb 2020 16:31
Operator : JC/SP
Sample : VX0210WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0210WBSD01

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:26 AM

Quant Time: Feb 11 07:14:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	136878	17.812	ug/l	98
94) Hexachlorobutadiene	13.78	225	64692	17.405	ug/l	98
95) Naphthalene	13.83	128	391604	19.166	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	138799	18.695	ug/l	99

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

