

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018362.D
 Acq On : 11 Sep 2020 15:27
 Operator : JC/SP
 Sample : VX0911WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:09:57 PM

Quant Time: Sep 12 07:04:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	412109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	634092	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	594798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	321089	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	283579	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	5.46	113	217522	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	8.70	98	742537	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
62) 4-Bromofluorobenzene	11.12	95	293603	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	86038	17.148	ug/l	99
3) Chloromethane	1.31	50	79558	15.040	ug/l	98
4) Vinyl Chloride	1.39	62	84091	15.969	ug/l	92
5) Bromomethane	1.64	94	57958	22.819	ug/l	95
6) Chloroethane	1.71	64	51864	18.338	ug/l	97
7) Trichlorofluoromethane	1.92	101	147439	20.534	ug/l	97
8) Diethyl Ether	2.17	74	48392	19.873	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74269	19.132	ug/l	97
10) Methyl Iodide	2.49	142	72681	20.936	ug/l	97
11) Tert butyl alcohol	3.00	59	89343	80.316	ug/l	99
12) 1,1-Dichloroethene	2.36	96	70488	17.502	ug/l	98
13) Acrolein	2.27	56	51048	110.674	ug/l	99
14) Allyl chloride	2.71	41	126824	17.528	ug/l	94
15) Acrylonitrile	3.12	53	225258	89.270	ug/l	98
16) Acetone	2.42	43	211794	95.005	ug/l	93
17) Carbon Disulfide	2.55	76	183571	15.078	ug/l	99
18) Methyl Acetate	2.75	43	117694	21.878	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	267080	19.337	ug/l	97
20) Methylene Chloride	2.84	84	90025	19.027	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	77980	17.477	ug/l	96
22) Diisopropyl ether	3.82	45	261308	18.298	ug/l	91
23) Vinyl Acetate	3.78	43	1145181	90.120	ug/l	100
24) 1,1-Dichloroethane	3.67	63	148528	18.271	ug/l	99
25) 2-Butanone	4.64	43	313120	85.464	ug/l	99
26) 2,2-Dichloropropane	4.55	77	131191	19.834	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	89486	17.407	ug/l	98
28) Bromochloromethane	4.98	49	75009	19.116	ug/l	97
29) Tetrahydrofuran	5.09	42	194225	83.277	ug/l	97
30) Chloroform	5.17	83	161045	19.132	ug/l	99
31) Cyclohexane	5.55	56	112106	16.371	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	147072	19.039	ug/l	99
36) 1,1-Dichloropropene	5.77	75	107217	18.332	ug/l	98
37) Ethyl Acetate	4.79	43	117529	17.302	ug/l	97
38) Carbon Tetrachloride	5.75	117	134048	20.338	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091120\
 Data File : VX018362.D
 Acq On : 11 Sep 2020 15:27
 Operator : JC/SP
 Sample : VX0911WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0911WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:09:57 PM

Quant Time: Sep 12 07:04:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	114641	17.926	ug/l	98
40) Benzene	6.11	78	311754	18.141	ug/l	99
41) Methacrylonitrile	5.00	41	66788	17.907	ug/l	97
42) 1,2-Dichloroethane	6.16	62	135657	20.603	ug/l	99
43) Isopropyl Acetate	6.41	43	200719	18.295	ug/l	100
44) Trichloroethene	7.18	130	93109	19.175	ug/l	100
45) 1,2-Dichloropropane	7.49	63	87485	18.888	ug/l	91
46) Dibromomethane	7.63	93	61993	19.033	ug/l	99
47) Bromodichloromethane	7.87	83	131013	20.145	ug/l	99
48) Methyl methacrylate	7.74	41	98291	17.996	ug/l	97
49) 1,4-Dioxane	7.71	88	29948	302.707	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	628493	92.737	ug/l	100
52) Toluene	8.76	92	204402	18.757	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	137915	19.134	ug/l	94
54) cis-1,3-Dichloropropene	8.41	75	146175	19.144	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	87576	18.844	ug/l	97
56) Ethyl methacrylate	9.16	69	123675	17.900	ug/l	97
57) 1,3-Dichloropropane	9.35	76	141449	18.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	300432	96.664	ug/l	98
59) 2-Hexanone	9.47	43	472679	91.724	ug/l	98
60) Dibromochloromethane	9.57	129	108423	19.887	ug/l	100
61) 1,2-Dibromoethane	9.65	107	98494	19.520	ug/l	96
64) Tetrachloroethene	9.32	164	87487	20.016	ug/l	98
65) Chlorobenzene	10.12	112	224946	18.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	93307	19.929	ug/l	99
67) Ethyl Benzene	10.24	91	385407	19.078	ug/l	99
68) m/p-Xylenes	10.34	106	297928	39.511	ug/l	98
69) o-Xylene	10.68	106	138280	18.918	ug/l	99
70) Styrene	10.70	104	241225	19.378	ug/l	98
71) Bromoform	10.84	173	83026	20.790	ug/l #	100
73) Isopropylbenzene	11.00	105	384965	18.176	ug/l	100
74) N-amyl acetate	10.88	43	165956	16.515	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	131790	17.639	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	125840m	17.618	ug/l	
77) Bromobenzene	11.24	156	103384	17.659	ug/l	98
78) n-propylbenzene	11.34	91	442969	18.420	ug/l	99
79) 2-Chlorotoluene	11.40	91	275842	18.566	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	334306	19.208	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	45197	17.090	ug/l	94
82) 4-Chlorotoluene	11.49	91	319063	18.064	ug/l	100
83) tert-Butylbenzene	11.76	119	323083	18.810	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	334081	18.775	ug/l	99
85) sec-Butylbenzene	11.93	105	367843	18.833	ug/l	99
86) p-Isopropyltoluene	12.05	119	353529	19.705	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	193778	18.852	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	196458	19.089	ug/l	97
89) n-Butylbenzene	12.37	91	296038	18.078	ug/l	99
90) Hexachloroethane	12.58	117	69559	19.706	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	185129	19.134	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32371	17.328	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
Data File : VX018362.D
Acq On : 11 Sep 2020 15:27
Operator : JC/SP
Sample : VX0911WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD02

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:09:57 PM

Quant Time: Sep 12 07:04:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	118644	18.389	ug/l	97
94) Hexachlorobutadiene	13.76	225	53027	20.837	ug/l	97
95) Naphthalene	13.82	128	380937	17.940	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	118225	18.545	ug/l	99

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

