

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021120\
 Data File : VX014910.D
 Acq On : 11 Feb 2020 12:46
 Operator : JC/SP
 Sample : VX0211WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:04:31 PM

Quant Time: Feb 12 06:03:46 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	459295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	686407	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	635738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	249752	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.49	113	205967	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.71	98	795810	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	283135	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	86175	19.812	ug/l	98
3) Chloromethane	1.32	50	95653	19.397	ug/l	100
4) Vinyl Chloride	1.40	62	102926	19.375	ug/l	99
5) Bromomethane	1.64	94	64417	18.734	ug/l	99
6) Chloroethane	1.72	64	63498	18.681	ug/l	99
7) Trichlorofluoromethane	1.93	101	141183	19.022	ug/l	95
8) Diethyl Ether	2.18	74	57422	18.657	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79902	18.546	ug/l	99
10) Methyl Iodide	2.51	142	85243	20.566	ug/l	99
11) Tert butyl alcohol	3.02	59	91374	99.838	ug/l	98
12) 1,1-Dichloroethene	2.37	96	78786	18.715	ug/l	98
13) Acrolein	2.28	56	58821	84.326	ug/l	94
14) Allyl chloride	2.72	41	134585	18.031	ug/l	99
15) Acrylonitrile	3.13	53	223179	96.191	ug/l	100
16) Acetone	2.43	43	221602	71.796	ug/l	100
17) Carbon Disulfide	2.56	76	210410	17.888	ug/l	99
18) Methyl Acetate	2.76	43	100744	19.298	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	260931	19.045	ug/l	100
20) Methylene Chloride	2.85	84	90583	18.166	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	84206	18.127	ug/l	100
22) Diisopropyl ether	3.84	45	274026	19.222	ug/l	98
23) Vinyl Acetate	3.80	43	1178492	100.283	ug/l	100
24) 1,1-Dichloroethane	3.69	63	149984	18.642	ug/l	98
25) 2-Butanone	4.65	43	320667	90.868	ug/l	99
26) 2,2-Dichloropropane	4.58	77	125080	18.040	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	96272	18.540	ug/l	100
28) Bromochloromethane	5.00	49	62751	20.122	ug/l	100
29) Tetrahydrofuran	5.11	42	200234	99.814	ug/l	99
30) Chloroform	5.20	83	153087	19.178	ug/l	96
31) Cyclohexane	5.58	56	137524	18.767	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	132208	18.934	ug/l	99
36) 1,1-Dichloropropene	5.79	75	115608	18.828	ug/l	99
37) Ethyl Acetate	4.82	43	125263	19.560	ug/l	100
38) Carbon Tetrachloride	5.78	117	112355	18.777	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021120\
 Data File : VX014910.D
 Acq On : 11 Feb 2020 12:46
 Operator : JC/SP
 Sample : VX0211WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0211WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:04:31 PM

Quant Time: Feb 12 06:03:46 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	141715	18.455	ug/l	99
40) Benzene	6.14	78	347550	18.945	ug/l	100
41) Methacrylonitrile	5.03	41	65559	19.003	ug/l	96
42) 1,2-Dichloroethane	6.19	62	122057	18.408	ug/l	99
43) Isopropyl Acetate	6.44	43	204439	19.352	ug/l	99
44) Trichloroethene	7.21	130	100131	18.801	ug/l	96
45) 1,2-Dichloropropane	7.51	63	86398	18.466	ug/l	96
46) Dibromomethane	7.65	93	59130	18.489	ug/l	99
47) Bromodichloromethane	7.89	83	117316	18.501	ug/l	95
48) Methyl methacrylate	7.76	41	97504	18.754	ug/l	98
49) 1,4-Dioxane	7.73	88	39260	403.885	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	628102	98.465	ug/l	100
52) Toluene	8.78	92	219519	18.840	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	127297	18.317	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	139586	18.182	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	89709	19.029	ug/l	99
56) Ethyl methacrylate	9.17	69	137148	19.355	ug/l	100
57) 1,3-Dichloropropane	9.37	76	151676	19.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	349230	94.240	ug/l	100
59) 2-Hexanone	9.48	43	479946	95.722	ug/l	99
60) Dibromochloromethane	9.57	129	92021	18.139	ug/l	96
61) 1,2-Dibromoethane	9.67	107	97457	19.160	ug/l	99
64) Tetrachloroethene	9.33	164	101151	17.018	ug/l	97
65) Chlorobenzene	10.14	112	239135	18.546	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	88792	18.968	ug/l	98
67) Ethyl Benzene	10.25	91	421822	19.235	ug/l	100
68) m/p-Xylenes	10.36	106	317463	37.579	ug/l	100
69) o-Xylene	10.70	106	153223	18.868	ug/l	100
70) Styrene	10.71	104	261723	19.051	ug/l	100
71) Bromoform	10.85	173	71265	18.238	ug/l #	100
73) Isopropylbenzene	11.01	105	412262	19.326	ug/l	99
74) N-amyl acetate	10.89	43	169339	19.105	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132166	18.953	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	113670m	18.479	ug/l	
77) Bromobenzene	11.25	156	113258	19.022	ug/l	97
78) n-propylbenzene	11.35	91	465453	18.865	ug/l	99
79) 2-Chlorotoluene	11.42	91	273837	18.879	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	345124	19.362	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42207	17.563	ug/l	96
82) 4-Chlorotoluene	11.51	91	321739	18.730	ug/l	100
83) tert-Butylbenzene	11.76	119	338203	20.037	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	350220	19.497	ug/l	99
85) sec-Butylbenzene	11.94	105	405372	19.332	ug/l	99
86) p-Isopropyltoluene	12.06	119	373220	19.020	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	198400	18.574	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	198657	18.212	ug/l	99
89) n-Butylbenzene	12.39	91	327768	18.651	ug/l	100
90) Hexachloroethane	12.59	117	61286	17.885	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	194090	18.529	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28696	17.540	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021120\
Data File : VX014910.D
Acq On : 11 Feb 2020 12:46
Operator : JC/SP
Sample : VX0211WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Manual Integrations
APPROVED

MMDadoda
2/12/2020 3:04:31 PM

Quant Time: Feb 12 06:03:46 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	139849	18.088	ug/l	99
94) Hexachlorobutadiene	13.78	225	68629	18.352	ug/l	96
95) Naphthalene	13.83	128	410683	19.977	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140057	18.749	ug/l	99

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

