

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
 Data File : VX007472.D
 Acq On : 11 Feb 2019 17:06
 Operator : JC/SP
 Sample : VX0211WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 12:15:46 PM

Quant Time: Feb 12 01:58:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	491496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	729045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	664267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	335716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	252523	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.50	113	231954	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	8.71	98	835480	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	11.13	95	299450	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	108698	18.111	ug/l	99
3) Chloromethane	1.33	50	96656	17.460	ug/l	98
4) Vinyl Chloride	1.41	62	106117	19.539	ug/l	98
5) Bromomethane	1.64	94	63250	11.400	ug/l	97
6) Chloroethane	1.73	64	78362	22.305	ug/l	98
7) Trichlorofluoromethane	1.93	101	166833	19.637	ug/l	97
8) Diethyl Ether	2.19	74	63723	19.928	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	95059	18.810	ug/l	99
10) Methyl Iodide	2.51	142	59135	7.954	ug/l	97
11) Tert butyl alcohol	3.07	59	126644	117.303	ug/l	99
12) 1,1-Dichloroethene	2.38	96	88000	18.752	ug/l	97
13) Acrolein	2.30	56	46448	91.746	ug/l	97
14) Allyl chloride	2.73	41	152747	19.976	ug/l	99
15) Acrylonitrile	3.15	53	277593	103.937	ug/l	100
16) Acetone	2.45	43	243259	101.795	ug/l	98
17) Carbon Disulfide	2.57	76	214584	18.866	ug/l	99
18) Methyl Acetate	2.78	43	147907	24.066	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	312466	20.552	ug/l	99
20) Methylene Chloride	2.86	84	102659	20.802	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	92790	18.562	ug/l	97
22) Diisopropyl ether	3.87	45	287253	20.423	ug/l	98
23) Vinyl Acetate	3.82	43	1183975	101.442	ug/l	98
24) 1,1-Dichloroethane	3.70	63	158791	19.659	ug/l	99
25) 2-Butanone	4.70	43	356249	104.754	ug/l	97
26) 2,2-Dichloropropane	4.58	77	108175	17.586	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	105160	19.260	ug/l	97
28) Bromochloromethane	5.03	49	69891	18.816	ug/l	97
29) Tetrahydrofuran	5.15	42	233186	109.022	ug/l	99
30) Chloroform	5.21	83	167240	19.842	ug/l	98
31) Cyclohexane	5.57	56	136413	18.804	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	141129	19.837	ug/l	99
36) 1,1-Dichloropropene	5.80	75	116491	17.809	ug/l	99
37) Ethyl Acetate	4.85	43	134205	20.296	ug/l	99
38) Carbon Tetrachloride	5.79	117	121512	19.148	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021119\
 Data File : VX007472.D
 Acq On : 11 Feb 2019 17:06
 Operator : JC/SP
 Sample : VX0211WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0211WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 12:15:46 PM

Quant Time: Feb 12 01:58:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	141326	17.857	ug/l	99
40) Benzene	6.14	78	369576	19.180	ug/l	97
41) Methacrylonitrile	5.06	41	73073	20.619	ug/l	99
42) 1,2-Dichloroethane	6.20	62	124547	18.682	ug/l	99
43) Isopropyl Acetate	6.46	43	211619	20.734	ug/l	100
44) Trichloroethene	7.21	130	107977	18.606	ug/l	92
45) 1,2-Dichloropropane	7.52	63	95723	19.827	ug/l	96
46) Dibromomethane	7.66	93	66287	18.891	ug/l	100
47) Bromodichloromethane	7.90	83	115809	19.474	ug/l	99
48) Methyl methacrylate	7.77	41	106106	20.784	ug/l	97
49) 1,4-Dioxane	7.75	88	50976	442.923	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	707675	105.326	ug/l	100
52) Toluene	8.79	92	235388	18.934	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	121940	19.090	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	136796	19.474	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	100401	19.374	ug/l	98
56) Ethyl methacrylate	9.18	69	145968	20.337	ug/l	99
57) 1,3-Dichloropropane	9.37	76	161352	19.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	372470	98.458	ug/l	100
59) 2-Hexanone	9.49	43	544147	104.075	ug/l	99
60) Dibromochloromethane	9.58	129	99762	20.355	ug/l	99
61) 1,2-Dibromoethane	9.67	107	108431	19.758	ug/l	100
64) Tetrachloroethene	9.34	164	111779	17.854	ug/l	99
65) Chlorobenzene	10.13	112	275058	18.975	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	96719	19.901	ug/l	99
67) Ethyl Benzene	10.25	91	455016	19.492	ug/l	99
68) m/p-Xylenes	10.36	106	353281	38.072	ug/l	99
69) o-Xylene	10.69	106	172977	19.373	ug/l	99
70) Styrene	10.71	104	273351	18.877	ug/l	100
71) Bromoform	10.85	173	72799	19.732	ug/l #	99
73) Isopropylbenzene	11.02	105	461325	20.221	ug/l	99
74) N-amyl acetate	10.90	43	190188	21.553	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	149522	21.506	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	142197m	21.776	ug/l	
77) Bromobenzene	11.26	156	125605	19.541	ug/l	98
78) n-propylbenzene	11.36	91	502518	20.087	ug/l	100
79) 2-Chlorotoluene	11.42	91	299037	19.700	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	373367	20.004	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	34984	19.387	ug/l	97
82) 4-Chlorotoluene	11.51	91	339910	19.352	ug/l	99
83) tert-Butylbenzene	11.77	119	368995	19.969	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	385201	20.329	ug/l	98
85) sec-Butylbenzene	11.94	105	447366	20.003	ug/l	99
86) p-Isopropyltoluene	12.06	119	399526	19.789	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	219500	19.028	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	220924	18.876	ug/l	98
89) n-Butylbenzene	12.38	91	330109	19.007	ug/l	99
90) Hexachloroethane	12.60	117	60623	20.064	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	222663	19.395	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30198	20.888	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
Data File : VX007472.D
Acq On : 11 Feb 2019 17:06
Operator : JC/SP
Sample : VX0211WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Manual Integrations
APPROVED

MMDadoda
2/12/2019 12:15:46 PM

Quant Time: Feb 12 01:58:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	148748	19.212	ug/l	99
94) Hexachlorobutadiene	13.78	225	70715	18.810	ug/l	99
95) Naphthalene	13.83	128	472733	20.880	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147688	18.951	ug/l	99

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

