

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021420\
 Data File : VX014940.D
 Acq On : 14 Feb 2020 11:07
 Operator : JC/SP
 Sample : VX0214WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Manual Integrations
 APPROVED

apatel
 2/17/2020 4:25:23 PM

Quant Time: Feb 14 23:40:31 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	441508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	642134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	598209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	243889	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	5.48	113	199672	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.71	98	756888	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	279522	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	80637	19.286	ug/l	100
3) Chloromethane	1.32	50	90120	19.011	ug/l	99
4) Vinyl Chloride	1.40	62	93330	18.277	ug/l	100
5) Bromomethane	1.64	94	64462	19.502	ug/l	97
6) Chloroethane	1.72	64	61311	18.764	ug/l	100
7) Trichlorofluoromethane	1.93	101	136441	19.124	ug/l	98
8) Diethyl Ether	2.18	74	56156	18.980	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79200	19.124	ug/l	99
10) Methyl Iodide	2.50	142	88554	21.873	ug/l	99
11) Tert butyl alcohol	3.01	59	86715	98.565	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75477	18.651	ug/l	99
13) Acrolein	2.28	56	44911	66.978	ug/l	97
14) Allyl chloride	2.72	41	132907	18.524	ug/l	99
15) Acrylonitrile	3.12	53	212485	95.272	ug/l	97
16) Acetone	2.43	43	236422	80.939	ug/l	100
17) Carbon Disulfide	2.56	76	198453	17.551	ug/l	100
18) Methyl Acetate	2.76	43	98170	19.562	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	259248	19.684	ug/l	99
20) Methylene Chloride	2.85	84	87226	18.198	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	82017	18.367	ug/l	98
22) Diisopropyl ether	3.84	45	270357	19.729	ug/l	90
23) Vinyl Acetate	3.80	43	1149667	101.772	ug/l	99
24) 1,1-Dichloroethane	3.69	63	144075	18.629	ug/l	99
25) 2-Butanone	4.65	43	313586	92.442	ug/l	98
26) 2,2-Dichloropropane	4.57	77	124779	18.721	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	92406	18.512	ug/l	98
28) Bromochloromethane	5.00	49	59280	19.775	ug/l	98
29) Tetrahydrofuran	5.11	42	187371	97.165	ug/l	99
30) Chloroform	5.20	83	147279	19.194	ug/l	98
31) Cyclohexane	5.56	56	129839	18.432	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	125019	18.626	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110795	19.289	ug/l	100
37) Ethyl Acetate	4.81	43	116076	19.375	ug/l	99
38) Carbon Tetrachloride	5.78	117	109178	19.504	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021420\
 Data File : VX014940.D
 Acq On : 14 Feb 2020 11:07
 Operator : JC/SP
 Sample : VX0214WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0214WBSD01

Manual Integrations
 APPROVED

apatel
 2/17/2020 4:25:23 PM

Quant Time: Feb 14 23:40:31 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	7.45	83	138806	19.322	ug/l	97
40) Benzene	6.13	78	332364	19.366	ug/l	98
41) Methacrylonitrile	5.02	41	65354	20.249	ug/l	99
42) 1,2-Dichloroethane	6.18	62	122969	19.824	ug/l	99
43) Isopropyl Acetate	6.43	43	196880	19.921	ug/l	99
44) Trichloroethene	7.21	130	95110	19.090	ug/l	99
45) 1,2-Dichloropropane	7.50	63	86466	19.755	ug/l	100
46) Dibromomethane	7.65	93	57946	19.368	ug/l	99
47) Bromodichloromethane	7.89	83	116231	19.593	ug/l	96
48) Methyl methacrylate	7.76	41	95350	19.604	ug/l	98
49) 1,4-Dioxane	7.73	88	38872	427.465	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	591646	99.144	ug/l	100
52) Toluene	8.78	92	212460	19.491	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	127402	19.596	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	141543	19.708	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	87909	19.933	ug/l	98
56) Ethyl methacrylate	9.17	69	130837	19.738	ug/l	99
57) 1,3-Dichloropropane	9.36	76	147620	19.885	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	339928	98.054	ug/l	100
59) 2-Hexanone	9.48	43	465204	99.179	ug/l	100
60) Dibromochloromethane	9.57	129	93899	19.785	ug/l	98
61) 1,2-Dibromoethane	9.67	107	90037	18.922	ug/l	97
64) Tetrachloroethene	9.33	164	98540	17.618	ug/l	98
65) Chlorobenzene	10.13	112	235083	19.375	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86897	19.727	ug/l	99
67) Ethyl Benzene	10.25	91	402528	19.507	ug/l	100
68) m/p-Xylenes	10.35	106	311649	39.205	ug/l	100
69) o-Xylene	10.69	106	148551	19.440	ug/l	97
70) Styrene	10.71	104	256492	19.841	ug/l	100
71) Bromoform	10.85	173	72994	19.853	ug/l #	99
73) Isopropylbenzene	11.01	105	401613	20.130	ug/l	100
74) N-amyl acetate	10.89	43	165881	20.011	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	128785	19.747	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	110244m	19.163	ug/l	
77) Bromobenzene	11.25	156	110746	19.888	ug/l	97
78) n-propylbenzene	11.35	91	456008	19.762	ug/l	100
79) 2-Chlorotoluene	11.42	91	270308	19.926	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	336399	20.180	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41639	18.527	ug/l	95
82) 4-Chlorotoluene	11.51	91	311113	19.366	ug/l	98
83) tert-Butylbenzene	11.76	119	325451	20.617	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	336537	20.033	ug/l	99
85) sec-Butylbenzene	11.94	105	395042	20.145	ug/l	100
86) p-Isopropyltoluene	12.06	119	367659	20.035	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	195342	19.554	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	196095	19.222	ug/l	99
89) n-Butylbenzene	12.38	91	317979	19.347	ug/l	99
90) Hexachloroethane	12.59	117	64326	20.072	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	192108	19.610	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27169	17.757	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021420\
Data File : VX014940.D
Acq On : 14 Feb 2020 11:07
Operator : JC/SP
Sample : VX0214WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Manual Integrations
APPROVED

apatel
2/17/2020 4:25:23 PM

Quant Time: Feb 14 23:40:31 2020
Quant Method : Z:\V0ASRV\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	141630	19.587	ug/l	97
94) Hexachlorobutadiene	13.78	225	69493	19.870	ug/l	98
95) Naphthalene	13.83	128	399650	20.787	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140746	20.147	ug/l	99

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

