

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021820\
 Data File : VX014950.D
 Acq On : 18 Feb 2020 11:38
 Operator : JC/SP
 Sample : VX0218WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/19/2020 12:14:51 PM

Quant Time: Feb 19 00:27:24 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	457495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	670351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	615433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	324308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	254452	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.49	113	205869	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.71	98	780434	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	280451	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	81488	18.808	ug/l	99
3) Chloromethane	1.32	50	91231	18.573	ug/l	100
4) Vinyl Chloride	1.41	62	95262	18.003	ug/l	98
5) Bromomethane	1.64	94	64316	18.778	ug/l	99
6) Chloroethane	1.72	64	61117	18.051	ug/l	96
7) Trichlorofluoromethane	1.93	101	136050	18.402	ug/l	98
8) Diethyl Ether	2.18	74	58063	18.939	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81140	18.908	ug/l	98
10) Methyl Iodide	2.51	142	89436	21.430	ug/l	99
11) Tert butyl alcohol	3.02	59	96880	106.271	ug/l	97
12) 1,1-Dichloroethene	2.37	96	75641	18.038	ug/l	99
13) Acrolein	2.28	56	48520	69.832	ug/l	100
14) Allyl chloride	2.72	41	132575	17.832	ug/l	99
15) Acrylonitrile	3.13	53	230129	99.577	ug/l	99
16) Acetone	2.43	43	243115	80.235	ug/l	99
17) Carbon Disulfide	2.57	76	196335	16.757	ug/l	98
18) Methyl Acetate	2.76	43	111115	21.368	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	264792	19.402	ug/l	98
20) Methylene Chloride	2.85	84	88492	17.817	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	83235	17.989	ug/l	99
22) Diisopropyl ether	3.84	45	275958	19.434	ug/l	97
23) Vinyl Acetate	3.80	43	1165763	99.590	ug/l	100
24) 1,1-Dichloroethane	3.69	63	149776	18.689	ug/l	99
25) 2-Butanone	4.65	43	336332	95.682	ug/l	99
26) 2,2-Dichloropropane	4.57	77	122358	17.716	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	95042	18.375	ug/l	99
28) Bromochloromethane	5.00	49	63736	20.518	ug/l	99
29) Tetrahydrofuran	5.11	42	202389	101.285	ug/l	100
30) Chloroform	5.20	83	151477	19.051	ug/l	98
31) Cyclohexane	5.57	56	129763	17.778	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	128577	18.486	ug/l	98
36) 1,1-Dichloropropene	5.79	75	111233	18.550	ug/l	98
37) Ethyl Acetate	4.82	43	125063	19.996	ug/l	99
38) Carbon Tetrachloride	5.78	117	110043	18.831	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021820\
 Data File : VX014950.D
 Acq On : 18 Feb 2020 11:38
 Operator : JC/SP
 Sample : VX0218WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0218WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/19/2020 12:14:51 PM

Quant Time: Feb 19 00:27:24 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	137724	18.364	ug/l	99
40) Benzene	6.13	78	340514	19.006	ug/l	100
41) Methacrylonitrile	5.03	41	69656	20.674	ug/l	98
42) 1,2-Dichloroethane	6.18	62	126520	19.538	ug/l	99
43) Isopropyl Acetate	6.43	43	205282	19.897	ug/l	99
44) Trichloroethene	7.20	130	97534	18.752	ug/l	100
45) 1,2-Dichloropropane	7.51	63	87970	19.253	ug/l	98
46) Dibromomethane	7.65	93	59223	18.961	ug/l	98
47) Bromodichloromethane	7.89	83	117750	19.014	ug/l	100
48) Methyl methacrylate	7.76	41	101727	20.035	ug/l	100
49) 1,4-Dioxane	7.73	88	42743	450.248	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	639356	102.629	ug/l	100
52) Toluene	8.78	92	216809	19.053	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	130768	19.267	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	141513	18.874	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	89367	19.411	ug/l	99
56) Ethyl methacrylate	9.17	69	136957	19.791	ug/l	98
57) 1,3-Dichloropropane	9.36	76	152219	19.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	338133	93.431	ug/l	100
59) 2-Hexanone	9.48	43	492104	100.498	ug/l	100
60) Dibromochloromethane	9.57	129	96156	19.408	ug/l	98
61) 1,2-Dibromoethane	9.67	107	95989	19.323	ug/l	99
64) Tetrachloroethene	9.33	164	98966	17.199	ug/l	98
65) Chlorobenzene	10.14	112	235258	18.847	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	90835	20.044	ug/l	97
67) Ethyl Benzene	10.25	91	410314	19.328	ug/l	99
68) m/p-Xylenes	10.35	106	314270	38.428	ug/l	99
69) o-Xylene	10.70	106	150505	19.145	ug/l	99
70) Styrene	10.71	104	256493	19.286	ug/l	99
71) Bromoform	10.85	173	74091	19.587	ug/l #	97
73) Isopropylbenzene	11.01	105	405267	19.927	ug/l	100
74) N-amyl acetate	10.89	43	169185	20.021	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	132987	20.003	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	132402m	22.577	ug/l	
77) Bromobenzene	11.25	156	110732	19.507	ug/l	97
78) n-propylbenzene	11.35	91	464697	19.755	ug/l	100
79) 2-Chlorotoluene	11.42	91	273539	19.780	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	338852	19.940	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42876	18.714	ug/l	93
82) 4-Chlorotoluene	11.51	91	317871	19.410	ug/l	99
83) tert-Butylbenzene	11.76	119	326319	20.278	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	342158	19.980	ug/l	99
85) sec-Butylbenzene	11.94	105	400722	20.045	ug/l	99
86) p-Isopropyltoluene	12.06	119	373045	19.941	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194006	19.051	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	198024	19.042	ug/l	99
89) n-Butylbenzene	12.39	91	314325	18.761	ug/l	100
90) Hexachloroethane	12.59	117	63487	19.433	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	191147	19.140	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29346	18.815	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021820\
Data File : VX014950.D
Acq On : 18 Feb 2020 11:38
Operator : JC/SP
Sample : VX0218WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Manual Integrations
APPROVED

MMDadoda
2/19/2020 12:14:51 PM

Quant Time: Feb 19 00:27:24 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	138463	18.784	ug/l	98
94) Hexachlorobutadiene	13.78	225	69170	19.401	ug/l	98
95) Naphthalene	13.83	128	404721	20.650	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141195	19.826	ug/l	97

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

