

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012720\
 Data File : VX014738.D
 Acq On : 27 Jan 2020 19:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 11:18:08 AM

Quant Time: Jan 28 06:15:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	426775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	658620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	607810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	312177	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	254283	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	5.49	113	212840	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	8.71	98	806580	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	287379	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	270164	47.192	ug/l	98
3) Chloromethane	1.32	50	278653	48.264	ug/l	99
4) Vinyl Chloride	1.41	62	316854	50.757	ug/l	100
5) Bromomethane	1.63	94	195241	46.046	ug/l	100
6) Chloroethane	1.72	64	179829	50.361	ug/l	100
7) Trichlorofluoromethane	1.92	101	342771	47.157	ug/l	99
8) Diethyl Ether	2.18	74	154821	48.798	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	203505	47.692	ug/l	98
10) Methyl Iodide	2.50	142	293349	52.393	ug/l	99
11) Tert butyl alcohol	3.03	59	255770	228.591	ug/l	100
12) 1,1-Dichloroethene	2.37	96	202223	47.666	ug/l	99
13) Acrolein	2.28	56	313520	355.374	ug/l	100
14) Allyl chloride	2.72	41	374431	49.101	ug/l	99
15) Acrylonitrile	3.13	53	652454	252.023	ug/l	100
16) Acetone	2.43	43	548688	200.910	ug/l	99
17) Carbon Disulfide	2.56	76	528133	45.547	ug/l	98
18) Methyl Acetate	2.76	43	388837	49.872	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	713202	51.324	ug/l	98
20) Methylene Chloride	2.85	84	245307	48.535	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	221192	47.351	ug/l	96
22) Diisopropyl ether	3.84	45	778543	51.316	ug/l	99
23) Vinyl Acetate	3.80	43	3096214	267.718	ug/l	100
24) 1,1-Dichloroethane	3.69	63	410778	49.856	ug/l	99
25) 2-Butanone	4.65	43	904571	231.145	ug/l	99
26) 2,2-Dichloropropane	4.58	77	310397	47.066	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	259534	49.642	ug/l	99
28) Bromochloromethane	5.01	49	170325	47.043	ug/l	97
29) Tetrahydrofuran	5.11	42	596770	256.930	ug/l	100
30) Chloroform	5.20	83	406740	49.834	ug/l	100
31) Cyclohexane	5.57	56	369705	47.707	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	338465	49.059	ug/l	99
36) 1,1-Dichloropropene	5.79	75	301574	49.278	ug/l	99
37) Ethyl Acetate	4.82	43	357157	50.955	ug/l	99
38) Carbon Tetrachloride	5.78	117	285662	48.875	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012720\
 Data File : VX014738.D
 Acq On : 27 Jan 2020 19:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 11:18:08 AM

Quant Time: Jan 28 06:15:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	369048	48.136	ug/l	97
40) Benzene	6.14	78	941953	49.815	ug/l	97
41) Methacrylonitrile	5.03	41	195518	48.888	ug/l	98
42) 1,2-Dichloroethane	6.19	62	325821	49.898	ug/l	100
43) Isopropyl Acetate	6.43	43	574137	50.020	ug/l	100
44) Trichloroethene	7.21	130	257611	48.231	ug/l	98
45) 1,2-Dichloropropane	7.51	63	248305	50.972	ug/l	99
46) Dibromomethane	7.65	93	159715	50.622	ug/l	99
47) Bromodichloromethane	7.89	83	316976	51.224	ug/l	98
48) Methyl methacrylate	7.76	41	284147	51.812	ug/l	97
49) 1,4-Dioxane	7.73	88	112673	969.218	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1839265	253.888	ug/l	100
52) Toluene	8.78	92	589936	50.753	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	350210	52.560	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	389374	53.121	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	245167	51.517	ug/l	98
56) Ethyl methacrylate	9.17	69	388348	48.201	ug/l	100
57) 1,3-Dichloropropane	9.37	76	415791	51.110	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	647082	270.370	ug/l	99
59) 2-Hexanone	9.48	43	1390179	247.295	ug/l	98
60) Dibromochloromethane	9.57	129	257273	51.793	ug/l	100
61) 1,2-Dibromoethane	9.67	107	254350	50.550	ug/l	100
64) Tetrachloroethene	9.33	164	262864	43.690	ug/l	98
65) Chlorobenzene	10.14	112	636907	48.990	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	236640	49.367	ug/l	99
67) Ethyl Benzene	10.25	91	1125976	50.723	ug/l	99
68) m/p-Xylenes	10.36	106	858407	102.072	ug/l	100
69) o-Xylene	10.70	106	418041	51.490	ug/l	98
70) Styrene	10.71	104	717098	52.654	ug/l	100
71) Bromoform	10.85	173	198465	52.064	ug/l #	99
73) Isopropylbenzene	11.01	105	1093861	49.834	ug/l	100
74) N-amyl acetate	10.89	43	513205	53.354	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	371739	47.432	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	311089m	42.832	ug/l	
77) Bromobenzene	11.25	156	288416	48.910	ug/l	97
78) n-propylbenzene	11.35	91	1240001	49.768	ug/l	99
79) 2-Chlorotoluene	11.42	91	743916	49.346	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	914865	50.218	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	123332	48.324	ug/l	99
82) 4-Chlorotoluene	11.51	91	862409	50.249	ug/l	99
83) tert-Butylbenzene	11.76	119	878143	51.297	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	924637	50.600	ug/l	99
85) sec-Butylbenzene	11.94	105	1053482	50.234	ug/l	100
86) p-Isopropyltoluene	12.06	119	977996	50.461	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	510482	48.169	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	509866	48.030	ug/l	100
89) n-Butylbenzene	12.39	91	834968	49.465	ug/l	100
90) Hexachloroethane	12.59	117	175566	48.770	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	512149	48.657	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	80910	48.051	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012720\
Data File : VX014738.D
Acq On : 27 Jan 2020 19:47
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/28/2020 11:18:08 AM

Quant Time: Jan 28 06:15:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	344122	50.710	ug/l	98
94) Hexachlorobutadiene	13.78	225	163187	46.722	ug/l	98
95) Naphthalene	13.83	128	1050929	48.062	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	353855	51.570	ug/l	99

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

