

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012420\
 Data File : VX014689.D
 Acq On : 24 Jan 2020 10:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 10:40:10 AM

Quant Time: Jan 24 22:38:47 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	445672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	655782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	604636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	308354	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	251373	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
35) Dibromofluoromethane	5.48	113	202709	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
50) Toluene-d8	8.71	98	794732	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.13	95	283333	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	299583	50.079	ug/l	100
3) Chloromethane	1.32	50	290792	48.231	ug/l	99
4) Vinyl Chloride	1.40	62	336796	51.664	ug/l	99
5) Bromomethane	1.63	94	201937	45.606	ug/l	100
6) Chloroethane	1.72	64	182666	48.948	ug/l	97
7) Trichlorofluoromethane	1.92	101	367678	48.439	ug/l	100
8) Diethyl Ether	2.18	74	155203	46.845	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	222763	49.992	ug/l	98
10) Methyl Iodide	2.50	142	293205	50.147	ug/l	98
11) Tert butyl alcohol	3.03	59	231416	198.055	ug/l	100
12) 1,1-Dichloroethene	2.37	96	213446	48.178	ug/l	98
13) Acrolein	2.28	56	194433	211.044	ug/l	99
14) Allyl chloride	2.72	41	387682	48.683	ug/l	99
15) Acrylonitrile	3.13	53	619971	229.321	ug/l	99
16) Acetone	2.43	43	654932	229.623	ug/l	100
17) Carbon Disulfide	2.56	76	584211	48.247	ug/l	100
18) Methyl Acetate	2.76	43	372091	45.701	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	701646	48.352	ug/l	100
20) Methylene Chloride	2.84	84	242186	45.886	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	228779	46.899	ug/l	99
22) Diisopropyl ether	3.84	45	786991	49.673	ug/l	94
23) Vinyl Acetate	3.80	43	3053618	252.839	ug/l	100
24) 1,1-Dichloroethane	3.69	63	423137	49.178	ug/l	99
25) 2-Butanone	4.65	43	929372	227.413	ug/l	99
26) 2,2-Dichloropropane	4.57	77	336379	48.843	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	261607	47.917	ug/l	99
28) Bromochloromethane	5.00	49	175271	46.356	ug/l	99
29) Tetrahydrofuran	5.11	42	551478	227.363	ug/l	100
30) Chloroform	5.20	83	403081	47.291	ug/l	98
31) Cyclohexane	5.57	56	399921	49.418	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	348408	48.359	ug/l	99
36) 1,1-Dichloropropene	5.79	75	316074	51.871	ug/l	99
37) Ethyl Acetate	4.81	43	337402	48.345	ug/l	99
38) Carbon Tetrachloride	5.78	117	300885	51.702	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012420\
 Data File : VX014689.D
 Acq On : 24 Jan 2020 10:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 10:40:10 AM

Quant Time: Jan 24 22:38:47 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	7.45	83	406365	53.233	ug/l	97
40) Benzene	6.13	78	945565	50.222	ug/l	99
41) Methacrylonitrile	5.02	41	184402	46.294	ug/l	97
42) 1,2-Dichloroethane	6.18	62	329970	50.752	ug/l	99
43) Isopropyl Acetate	6.43	43	553776	48.455	ug/l	99
44) Trichloroethene	7.20	130	261041	49.085	ug/l	94
45) 1,2-Dichloropropane	7.50	63	250319	51.607	ug/l	100
46) Dibromomethane	7.65	93	158299	50.391	ug/l	99
47) Bromodichloromethane	7.89	83	321089	52.113	ug/l	98
48) Methyl methacrylate	7.76	41	278932	51.081	ug/l	100
49) 1,4-Dioxane	7.73	88	107627	929.819	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	1740098	241.239	ug/l	100
52) Toluene	8.78	92	599922	51.836	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	351976	53.054	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	393060	53.856	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	241785	51.026	ug/l	98
56) Ethyl methacrylate	9.17	69	380836	47.500	ug/l	99
57) 1,3-Dichloropropane	9.36	76	406354	50.166	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	623254	261.541	ug/l	100
59) 2-Hexanone	9.48	43	1358282	242.666	ug/l	100
60) Dibromochloromethane	9.57	129	256444	51.849	ug/l	100
61) 1,2-Dibromoethane	9.67	107	250634	50.027	ug/l	99
64) Tetrachloroethene	9.33	164	284492	47.533	ug/l	99
65) Chlorobenzene	10.13	112	638422	49.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	237195	49.743	ug/l	98
67) Ethyl Benzene	10.25	91	1148001	51.986	ug/l	100
68) m/p-Xylenes	10.36	106	873801	104.448	ug/l	99
69) o-Xylene	10.69	106	417467	51.689	ug/l	100
70) Styrene	10.71	104	728185	53.749	ug/l	99
71) Bromoform	10.85	173	194649	51.331	ug/l #	98
73) Isopropylbenzene	11.01	105	1129917	52.114	ug/l	100
74) N-amyl acetate	10.89	43	483552	50.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	354181	45.752	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	302215m	42.126	ug/l	
77) Bromobenzene	11.25	156	290992	49.959	ug/l	97
78) n-propylbenzene	11.35	91	1305461	53.045	ug/l	100
79) 2-Chlorotoluene	11.42	91	760078	51.043	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	948596	52.715	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	121732	48.289	ug/l	99
82) 4-Chlorotoluene	11.51	91	885648	52.243	ug/l	100
83) tert-Butylbenzene	11.76	119	884689	52.320	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	955388	52.932	ug/l	99
85) sec-Butylbenzene	11.94	105	1113583	53.758	ug/l	100
86) p-Isopropyltoluene	12.06	119	1026311	53.611	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	520109	49.686	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	519512	49.545	ug/l	100
89) n-Butylbenzene	12.39	91	912396	54.722	ug/l	99
90) Hexachloroethane	12.59	117	179039	50.351	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	519554	49.973	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	74560	44.829	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
Data File : VX014689.D
Acq On : 24 Jan 2020 10:15
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
1/27/2020 10:40:10 AM

Quant Time: Jan 24 22:38:47 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	355845	53.088	ug/l	98
94) Hexachlorobutadiene	13.78	225	175758	50.945	ug/l	98
95) Naphthalene	13.83	128	1035848	47.961	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	355491	52.450	ug/l	99

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

