

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017484.D
 Acq On : 23 Jul 2020 11:15
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 1:00:53 PM

Quant Time: Jul 23 12:02:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 23 11:43:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	571851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	868292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	807159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	409493	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	381225	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	5.47	113	297206	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.70	98	1066397	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.12	95	401556	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	268231	55.275	ug/l	100
3) Chloromethane	1.31	50	351462	61.525	ug/l	100
4) Vinyl Chloride	1.39	62	341427	61.077	ug/l	100
5) Bromomethane	1.62	94	207234	57.494	ug/l	100
6) Chloroethane	1.71	64	205717	58.583	ug/l	100
7) Trichlorofluoromethane	1.92	101	532094	57.362	ug/l	100
8) Diethyl Ether	2.17	74	195948	58.616	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	304314	57.331	ug/l	100
10) Methyl Iodide	2.49	142	419322	63.861	ug/l	100
11) Tert butyl alcohol	3.02	59	419440	324.222	ug/l	100
12) 1,1-Dichloroethene	2.36	96	292377	55.002	ug/l	100
13) Acrolein	2.28	56	311273	403.654	ug/l	100
14) Allyl chloride	2.71	41	555209	59.410	ug/l	100
15) Acrylonitrile	3.12	53	906462	298.943	ug/l	100
16) Acetone	2.42	43	823832	305.934	ug/l	100
17) Carbon Disulfide	2.55	76	871571	56.158	ug/l	100
18) Methyl Acetate	2.75	43	407206	61.291	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1049498	57.965	ug/l	100
20) Methylene Chloride	2.84	84	335046	52.540	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	314400	52.371	ug/l	100
22) Diisopropyl ether	3.82	45	953636	54.813	ug/l	100
23) Vinyl Acetate	3.79	43	4465496	290.006	ug/l	100
24) 1,1-Dichloroethane	3.67	63	534731	52.466	ug/l	100
25) 2-Butanone	4.64	43	1184800	284.402	ug/l	100
26) 2,2-Dichloropropane	4.55	77	485920	51.534	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	329368	50.416	ug/l	100
28) Bromochloromethane	4.98	49	247018	52.527	ug/l	100
29) Tetrahydrofuran	5.09	42	759038	282.506	ug/l	100
30) Chloroform	5.19	83	554731	50.934	ug/l	100
31) Cyclohexane	5.56	56	436050	52.647	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	524522	52.076	ug/l	100
36) 1,1-Dichloropropene	5.77	75	401097	50.398	ug/l	100
37) Ethyl Acetate	4.80	43	493535	58.075	ug/l	100
38) Carbon Tetrachloride	5.76	117	481385	51.484	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017484.D
 Acq On : 23 Jul 2020 11:15
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 1:00:53 PM

Quant Time: Jul 23 12:02:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 23 11:43:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	452069	52.224	ug/l	100
40) Benzene	6.11	78	1184530	51.606	ug/l	100
41) Methacrylonitrile	5.01	41	260939	57.481	ug/l	100
42) 1,2-Dichloroethane	6.17	62	487014	53.985	ug/l	100
43) Isopropyl Acetate	6.42	43	850926	61.869	ug/l	100
44) Trichloroethene	7.19	130	339128	48.838	ug/l	100
45) 1,2-Dichloropropane	7.49	63	301729	51.361	ug/l	100
46) Dibromomethane	7.64	93	214251	50.654	ug/l	100
47) Bromodichloromethane	7.88	83	452893	51.233	ug/l	100
48) Methyl methacrylate	7.75	41	367231	57.192	ug/l	100
49) 1,4-Dioxane	7.71	88	139037	1074.752	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2399802	291.907	ug/l	100
52) Toluene	8.77	92	741410	50.689	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	544183	56.256	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	531713	52.297	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	326650	52.973	ug/l	100
56) Ethyl methacrylate	9.16	69	518819	58.540	ug/l	100
57) 1,3-Dichloropropane	9.35	76	545714	53.128	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1339118	298.070	ug/l	100
59) 2-Hexanone	9.48	43	1883180	302.046	ug/l	100
60) Dibromochloromethane	9.57	129	414470	54.714	ug/l	100
61) 1,2-Dibromoethane	9.65	107	361700	53.803	ug/l	100
64) Tetrachloroethene	9.32	164	348888	49.972	ug/l	100
65) Chlorobenzene	10.12	112	867920	52.473	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	348625	52.972	ug/l	100
67) Ethyl Benzene	10.24	91	1465028	53.441	ug/l	100
68) m/p-Xylenes	10.34	106	1158756	110.646	ug/l	100
69) o-Xylene	10.68	106	555589	55.526	ug/l	100
70) Styrene	10.70	104	980015	56.948	ug/l	100
71) Bromoform	10.84	173	319805	57.131	ug/l #	100
73) Isopropylbenzene	11.00	105	1427516	55.289	ug/l	100
74) N-amyl acetate	10.88	43	685847	64.375	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	424257	53.869	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	433773m	56.473	ug/l	
77) Bromobenzene	11.24	156	395626	53.762	ug/l	100
78) n-propylbenzene	11.34	91	1599494	55.308	ug/l	100
79) 2-Chlorotoluene	11.40	91	975646	54.582	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1250637	56.695	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	170632	56.110	ug/l	100
82) 4-Chlorotoluene	11.49	91	1174581	55.363	ug/l	100
83) tert-Butylbenzene	11.76	119	1200499	56.557	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1268506	57.164	ug/l	100
85) sec-Butylbenzene	11.93	105	1389530	56.033	ug/l	100
86) p-Isopropyltoluene	12.05	119	1327884	56.470	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	692038	52.666	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	694739	52.273	ug/l	100
89) n-Butylbenzene	12.37	91	1152187	57.095	ug/l	100
90) Hexachloroethane	12.58	117	251659	56.090	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	652652	52.744	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	118766	56.061	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
Data File : VX017484.D
Acq On : 23 Jul 2020 11:15
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:53 PM

Quant Time: Jul 23 12:02:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 23 11:43:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	478656	55.277	ug/l	100
94) Hexachlorobutadiene	13.77	225	219065	60.750	ug/l	100
95) Naphthalene	13.82	128	1522522	59.422	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	479355	56.973	ug/l	100

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

