

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018461.D
 Acq On : 17 Sep 2020 11:29
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:41 PM

Quant Time: Sep 17 12:11:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 11:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	580919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	934121	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	891923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	467149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	787572	98.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.18%	
35) Dibromofluoromethane	5.47	113	636486	100.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.44%	
50) Toluene-d8	8.70	98	2296412	97.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.56%	
62) 4-Bromofluorobenzene	11.12	95	915939	99.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	561197	82.710	ug/l	97
3) Chloromethane	1.31	50	653921	90.096	ug/l	99
4) Vinyl Chloride	1.39	62	667178	91.512	ug/l	100
5) Bromomethane	1.62	94	361927	97.603	ug/l	98
6) Chloroethane	1.70	64	386097	97.544	ug/l	98
7) Trichlorofluoromethane	1.91	101	1008876	99.878	ug/l	99
8) Diethyl Ether	2.17	74	339238	98.762	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	547160	99.731	ug/l	99
10) Methyl Iodide	2.49	142	712027	132.912	ug/l	99
11) Tert butyl alcohol	3.02	59	711673	461.885	ug/l	99
12) 1,1-Dichloroethene	2.36	96	547336	96.540	ug/l	94
13) Acrolein	2.28	56	458912	657.627	ug/l	97
14) Allyl chloride	2.71	41	1058363	103.326	ug/l	99
15) Acrylonitrile	3.12	53	1716981	484.220	ug/l	100
16) Acetone	2.42	43	1490622	473.329	ug/l	99
17) Carbon Disulfide	2.55	76	1638859	95.370	ug/l	98
18) Methyl Acetate	2.75	43	768398	101.001	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1987314	101.882	ug/l	99
20) Methylene Chloride	2.84	84	635404	89.649	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	621069	98.394	ug/l	98
22) Diisopropyl ether	3.83	45	2018795	100.260	ug/l #	87
23) Vinyl Acetate	3.79	43	9163828	511.688	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1142095	99.859	ug/l	99
25) 2-Butanone	4.64	43	2457361	479.200	ug/l	98
26) 2,2-Dichloropropane	4.55	77	1041018	109.303	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	708607	97.523	ug/l	99
28) Bromochloromethane	4.98	49	553231	99.831	ug/l	99
29) Tetrahydrofuran	5.09	42	1581165	485.699	ug/l	100
30) Chloroform	5.18	83	1178388	99.444	ug/l	97
31) Cyclohexane	5.55	56	1000084	103.299	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	1095955	100.273	ug/l	99
36) 1,1-Dichloropropene	5.77	75	883907	102.046	ug/l	99
37) Ethyl Acetate	4.79	43	974247	97.496	ug/l	99
38) Carbon Tetrachloride	5.76	117	992375	101.504	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	1032463	108.571	ug/l	99
40) Benzene	6.12	78	2548822	100.389	ug/l	99
41) Methacrylonitrile	5.01	41	529705	96.718	ug/l	98
42) 1,2-Dichloroethane	6.17	62	978012	100.227	ug/l	99
43) Isopropyl Acetate	6.42	43	1621298	100.469	ug/l	100
44) Trichloroethene	7.19	130	716781	99.640	ug/l	96
45) 1,2-Dichloropropane	7.49	63	680949	99.851	ug/l	95
46) Dibromomethane	7.64	93	469861	97.508	ug/l	98
47) Bromodichloromethane	7.88	83	976198	101.729	ug/l	97
48) Methyl methacrylate	7.74	41	815249	101.534	ug/l	99
49) 1,4-Dioxane	7.72	88	245478	1745.987	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4903072	494.941	ug/l	99
52) Toluene	8.77	92	1595436	99.471	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1119506	105.020	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	1164676	103.086	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	663364	97.162	ug/l	98
56) Ethyl methacrylate	9.16	69	1060332	104.281	ug/l	99
57) 1,3-Dichloropropane	9.35	76	1111242	98.535	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2712181	574.212	ug/l	100
59) 2-Hexanone	9.48	43	3773688	501.509	ug/l	100
60) Dibromochloromethane	9.57	129	809044	100.855	ug/l	100
61) 1,2-Dibromoethane	9.65	107	720615	97.274	ug/l	100
64) Tetrachloroethene	9.32	164	628731	95.453	ug/l	98
65) Chlorobenzene	10.12	112	1790533	100.304	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	713315	101.189	ug/l	99
67) Ethyl Benzene	10.24	91	3147463	103.347	ug/l	97
68) m/p-Xylenes	10.34	106	2409211	212.658	ug/l	99
69) o-Xylene	10.68	106	1144562	103.990	ug/l	100
70) Styrene	10.70	104	2014082	107.156	ug/l	99
71) Bromoform	10.84	173	634183	105.528	ug/l	99
73) Isopropylbenzene	11.01	105	3104545	101.131	ug/l	100
74) N-amyl acetate	10.88	43	1462192	101.421	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	993481	91.949	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	921645m	89.330	ug/l	
77) Bromobenzene	11.24	156	839945	98.656	ug/l	99
78) n-propylbenzene	11.35	91	3645802	103.836	ug/l	100
79) 2-Chlorotoluene	11.41	91	2174480	100.718	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2701696	106.679	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	390556	101.656	ug/l	99
82) 4-Chlorotoluene	11.49	91	2608932	101.517	ug/l	100
83) tert-Butylbenzene	11.76	119	2600666	103.825	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2746588	105.962	ug/l	98
85) sec-Butylbenzene	11.93	105	3127800	109.490	ug/l	100
86) p-Isopropyltoluene	12.05	119	2895937	110.219	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1492161	99.226	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1465521	97.304	ug/l	99
89) n-Butylbenzene	12.37	91	2601619	107.936	ug/l	99
90) Hexachloroethane	12.58	117	566658	109.752	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1371273	97.586	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	253165	93.550	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1008313	107.033	ug/l	94
94) Hexachlorobutadiene	13.77	225	414891	109.910	ug/l	98
95) Naphthalene	13.82	128	3212750	104.294	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	922154	98.701	ug/l	95

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

