

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014880.D
 Acq On : 10 Feb 2020 11:24
 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
 2/11/2020 10:36:16 AM

Quant Time: Feb 10 11:46:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 11:22:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	442287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	659429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	626921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	497738	88.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	176.28%	
35) Dibromofluoromethane	5.49	113	414603	87.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	174.42%	
50) Toluene-d8	8.71	98	1584628	98.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.10%	
62) 4-Bromofluorobenzene	11.13	95	579892	106.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	451019	111.760	ug/l	99
3) Chloromethane	1.32	50	485091	104.158	ug/l	99
4) Vinyl Chloride	1.41	62	527329	104.692	ug/l	97
5) Bromomethane	1.63	94	365266	113.466	ug/l	99
6) Chloroethane	1.72	64	328613	99.795	ug/l	100
7) Trichlorofluoromethane	1.92	101	728044	102.677	ug/l	100
8) Diethyl Ether	2.18	74	297987	100.550	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	411758	98.313	ug/l	98
10) Methyl Iodide	2.50	142	495509	147.142	ug/l	99
11) Tert butyl alcohol	3.03	59	442049	512.919	ug/l	100
12) 1,1-Dichloroethene	2.37	96	415751	103.906	ug/l	96
13) Acrolein	2.28	56	339954	511.560	ug/l	98
14) Allyl chloride	2.72	41	728805	101.914	ug/l	99
15) Acrylonitrile	3.13	53	1141059	518.617	ug/l	99
16) Acetone	2.44	43	1348174	433.796	ug/l	98
17) Carbon Disulfide	2.56	76	1180696	106.577	ug/l	99
18) Methyl Acetate	2.76	43	524592	106.837	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1370634	105.822	ug/l	99
20) Methylene Chloride	2.85	84	456982	92.741	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	449315	100.788	ug/l	98
22) Diisopropyl ether	3.84	45	1405340	103.637	ug/l	95
23) Vinyl Acetate	3.81	43	5736669	511.027	ug/l	100
24) 1,1-Dichloroethane	3.69	63	786210	102.067	ug/l	99
25) 2-Butanone	4.66	43	1735571	515.805	ug/l	99
26) 2,2-Dichloropropane	4.58	77	672826	101.375	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	513184	103.784	ug/l	98
28) Bromochloromethane	5.01	49	316530	122.521	ug/l	100
29) Tetrahydrofuran	5.11	42	1013462	538.502	ug/l	100
30) Chloroform	5.20	83	785044	102.500	ug/l	100
31) Cyclohexane	5.58	56	713946	105.820	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	695396	105.101	ug/l	99
36) 1,1-Dichloropropene	5.79	75	614358	105.995	ug/l	100
37) Ethyl Acetate	4.82	43	638307	105.431	ug/l	100
38) Carbon Tetrachloride	5.78	117	607355	108.344	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	755371	103.298	ug/l	100
40) Benzene	6.14	78	1796583	102.486	ug/l	99
41) Methacrylonitrile	5.03	41	354647	111.016	ug/l	99
42) 1,2-Dichloroethane	6.19	62	638384	99.806	ug/l	99
43) Isopropyl Acetate	6.43	43	1066093	108.147	ug/l	100
44) Trichloroethene	7.21	130	520501	102.385	ug/l	98
45) 1,2-Dichloropropane	7.51	63	460119	103.215	ug/l	99
46) Dibromomethane	7.65	93	312619	102.223	ug/l	99
47) Bromodichloromethane	7.89	83	636823	106.811	ug/l	98
48) Methyl methacrylate	7.76	41	540140	113.070	ug/l	99
49) 1,4-Dioxane	7.73	88	186832	2018.323	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	3210609	538.119	ug/l	99
52) Toluene	8.78	92	1157308	104.713	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	722110	113.437	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	780002	109.081	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	464201	103.596	ug/l	98
56) Ethyl methacrylate	9.17	69	742295	115.234	ug/l	99
57) 1,3-Dichloropropane	9.37	76	774815	102.471	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1872105	536.731	ug/l	100
59) 2-Hexanone	9.49	43	2549955	547.669	ug/l	98
60) Dibromochloromethane	9.58	129	531276	114.289	ug/l	98
61) 1,2-Dibromoethane	9.67	107	495509	102.197	ug/l	100
64) Tetrachloroethene	9.33	164	619099	107.725	ug/l	99
65) Chlorobenzene	10.14	112	1275492	100.455	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	479320	106.222	ug/l	99
67) Ethyl Benzene	10.25	91	2224271	104.623	ug/l	100
68) m/p-Xylenes	10.36	106	1721510	210.810	ug/l	98
69) o-Xylene	10.70	106	824445	105.358	ug/l	100
70) Styrene	10.71	104	1448979	111.632	ug/l	100
71) Bromoform	10.85	173	426404	117.977	ug/l	100
73) Isopropylbenzene	11.01	105	2172555	102.291	ug/l	100
74) N-amyl acetate	10.89	43	974381	116.317	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	686924	98.223	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	568496m	77.271	ug/l	
77) Bromobenzene	11.25	156	597062	100.101	ug/l	98
78) n-propylbenzene	11.35	91	2530846	103.424	ug/l	99
79) 2-Chlorotoluene	11.42	91	1465773	101.233	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1865751	107.103	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	258127	125.554	ug/l	99
82) 4-Chlorotoluene	11.51	91	1742852	102.287	ug/l	99
83) tert-Butylbenzene	11.76	119	1693719	101.452	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1859619	105.341	ug/l	99
85) sec-Butylbenzene	11.94	105	2165532	104.658	ug/l	100
86) p-Isopropyltoluene	12.06	119	2023283	104.941	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1066197	100.056	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1069172	100.056	ug/l	99
89) n-Butylbenzene	12.39	91	1856896	108.796	ug/l	99
90) Hexachloroethane	12.59	117	367848	111.951	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1057488	101.534	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	158144	95.488	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	801177	105.953	ug/l	98
94) Hexachlorobutadiene	13.78	225	371611	99.804	ug/l	97
95) Naphthalene	13.83	128	2264855	115.762	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	772830	105.443	ug/l	100

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

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