

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090120\
 Data File : VX018178.D
 Acq On : 01 Sep 2020 09:31
 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
 9/2/2020 2:23:11 PM

Quant Time: Sep 02 02:57:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	459575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	691368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	681417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	366042	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	303846	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.46	113	238555	50.66	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	8.70	98	858006	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.12	95	355687	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	300671	53.735	ug/l	99
3) Chloromethane	1.31	50	282673	47.918	ug/l	99
4) Vinyl Chloride	1.39	62	281939	48.011	ug/l	97
5) Bromomethane	1.62	94	167451	59.119	ug/l	98
6) Chloroethane	1.70	64	167545	53.121	ug/l	98
7) Trichlorofluoromethane	1.91	101	454443	56.753	ug/l	99
8) Diethyl Ether	2.17	74	141215	52.003	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	226398	52.298	ug/l	97
10) Methyl Iodide	2.49	142	264147	56.288	ug/l	98
11) Tert butyl alcohol	3.02	59	282102	227.407	ug/l	98
12) 1,1-Dichloroethene	2.36	96	213456	47.528	ug/l	96
13) Acrolein	2.27	56	130454	253.618	ug/l	100
14) Allyl chloride	2.70	41	409964	50.807	ug/l	97
15) Acrylonitrile	3.11	53	657384	233.614	ug/l	99
16) Acetone	2.42	43	549540	221.048	ug/l	94
17) Carbon Disulfide	2.54	76	628535	46.294	ug/l	99
18) Methyl Acetate	2.75	43	308947	51.498	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	804932	52.260	ug/l	98
20) Methylene Chloride	2.83	84	256594	50.490	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	248449	49.931	ug/l	99
22) Diisopropyl ether	3.82	45	799107	50.177	ug/l	98
23) Vinyl Acetate	3.78	43	3594345	253.643	ug/l	99
24) 1,1-Dichloroethane	3.67	63	453866	50.064	ug/l	98
25) 2-Butanone	4.64	43	903646	221.170	ug/l	99
26) 2,2-Dichloropropane	4.54	77	442086	59.934	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	281286	49.064	ug/l	99
28) Bromochloromethane	4.97	49	194350	44.413	ug/l	95
29) Tetrahydrofuran	5.09	42	577404	222.000	ug/l	98
30) Chloroform	5.17	83	478666	50.992	ug/l	99
31) Cyclohexane	5.54	56	383196	50.179	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	455589	52.887	ug/l	99
36) 1,1-Dichloropropene	5.76	75	354716	55.626	ug/l	100
37) Ethyl Acetate	4.79	43	361793	48.849	ug/l	99
38) Carbon Tetrachloride	5.75	117	421780	58.692	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	395767	56.758	ug/l	97
40) Benzene	6.11	78	992187	52.952	ug/l	98
41) Methacrylonitrile	4.99	41	194591	47.851	ug/l	96
42) 1,2-Dichloroethane	6.16	62	405688	56.510	ug/l	97
43) Isopropyl Acetate	6.41	43	602240	50.344	ug/l	99
44) Trichloroethene	7.18	130	286799	54.170	ug/l	98
45) 1,2-Dichloropropane	7.49	63	269482	53.362	ug/l	95
46) Dibromomethane	7.63	93	185827	52.326	ug/l	97
47) Bromodichloromethane	7.87	83	396774	55.956	ug/l	98
48) Methyl methacrylate	7.74	41	300928	50.533	ug/l	99
49) 1,4-Dioxane	7.71	88	111296	1031.757	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1867360	252.709	ug/l	100
52) Toluene	8.76	92	642766	54.098	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	442817	56.346	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	456002	54.774	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	266165	52.526	ug/l	98
56) Ethyl methacrylate	9.16	69	404046	53.636	ug/l	98
57) 1,3-Dichloropropane	9.35	76	434696	52.010	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	819506	241.831	ug/l	98
59) 2-Hexanone	9.47	43	1463579	260.481	ug/l	100
60) Dibromochloromethane	9.56	129	330044	55.521	ug/l	100
61) 1,2-Dibromoethane	9.65	107	289570	52.635	ug/l	98
64) Tetrachloroethene	9.32	164	281412	56.199	ug/l	93
65) Chlorobenzene	10.12	112	720131	52.914	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	296162	55.214	ug/l	98
67) Ethyl Benzene	10.23	91	1269707	54.861	ug/l	99
68) m/p-Xylenes	10.34	106	982397	113.724	ug/l	99
69) o-Xylene	10.68	106	462935	55.282	ug/l	98
70) Styrene	10.70	104	810349	56.823	ug/l	99
71) Bromoform	10.84	173	257326	56.244	ug/l	# 99
73) Isopropylbenzene	11.00	105	1295105	53.640	ug/l	99
74) N-amyl acetate	10.88	43	553039	48.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	381776	44.823	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	383200m	47.060	ug/l	
77) Bromobenzene	11.24	156	336523	50.423	ug/l	97
78) n-propylbenzene	11.34	91	1501330	54.763	ug/l	98
79) 2-Chlorotoluene	11.40	91	903729	53.356	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1117816	56.339	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	150186	49.815	ug/l	95
82) 4-Chlorotoluene	11.49	91	1078950	53.585	ug/l	99
83) tert-Butylbenzene	11.76	119	1075956	54.951	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1132454	55.827	ug/l	100
85) sec-Butylbenzene	11.93	105	1265971	56.855	ug/l	99
86) p-Isopropyltoluene	12.05	119	1209546	59.137	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	619872	52.900	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	617185	52.605	ug/l	97
89) n-Butylbenzene	12.37	91	1062207	56.899	ug/l	98
90) Hexachloroethane	12.58	117	230666	57.321	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	583284	52.881	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	98369	46.190	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	400092	54.396	ug/l	99
94) Hexachlorobutadiene	13.77	225	161537	55.681	ug/l	97
95) Naphthalene	13.82	128	1248629	51.583	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	399616	54.985	ug/l	98

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

