

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092320\
 Data File : VX018541.D
 Acq On : 23 Sep 2020 17:27
 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
 9/24/2020 1:39:29 PM

Quant Time: Sep 24 00:51:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	434954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	652708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	613081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	332873	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	302293	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	5.46	113	235527	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
50) Toluene-d8	8.70	98	841717	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.12	95	317187	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	215117	52.165	ug/l	97
3) Chloromethane	1.31	50	223227	46.238	ug/l	100
4) Vinyl Chloride	1.39	62	239038	46.769	ug/l	98
5) Bromomethane	1.64	94	162517	51.808	ug/l	97
6) Chloroethane	1.72	64	134192	45.876	ug/l	98
7) Trichlorofluoromethane	1.92	101	415499	53.513	ug/l	96
8) Diethyl Ether	2.17	74	128541	47.185	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	220016	52.645	ug/l	98
10) Methyl Iodide	2.49	142	257577	49.830	ug/l	95
11) Tert butyl alcohol	3.05	59	224807	209.980	ug/l	99
12) 1,1-Dichloroethene	2.36	96	205816	48.861	ug/l	93
13) Acrolein	2.28	56	193540	285.500	ug/l	100
14) Allyl chloride	2.71	41	368885	45.192	ug/l	96
15) Acrylonitrile	3.12	53	552746	216.379	ug/l	98
16) Acetone	2.43	43	559530	237.776	ug/l	99
17) Carbon Disulfide	2.55	76	579755	46.086	ug/l	99
18) Methyl Acetate	2.75	43	260037	44.600	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	728911	49.295	ug/l	100
20) Methylene Chloride	2.83	84	231950	44.674	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	227542	46.480	ug/l	98
22) Diisopropyl ether	3.82	45	720950	46.988	ug/l	90
23) Vinyl Acetate	3.78	43	3213463	236.355	ug/l	100
24) 1,1-Dichloroethane	3.67	63	410670	46.411	ug/l	99
25) 2-Butanone	4.64	43	814279	222.206	ug/l	100
26) 2,2-Dichloropropane	4.55	77	403862	49.398	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	252655	46.046	ug/l	99
28) Bromochloromethane	4.98	49	206568	49.888	ug/l	98
29) Tetrahydrofuran	5.09	42	489352	211.869	ug/l	97
30) Chloroform	5.18	83	439492	48.952	ug/l	98
31) Cyclohexane	5.55	56	350122	47.020	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	416513	49.451	ug/l	99
36) 1,1-Dichloropropene	5.77	75	330266	52.132	ug/l	98
37) Ethyl Acetate	4.79	43	316152	46.733	ug/l	100
38) Carbon Tetrachloride	5.76	117	388581	55.383	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	368659	51.797	ug/l	96
40) Benzene	6.11	78	906576	49.933	ug/l	100
41) Methacrylonitrile	5.00	41	175403	46.661	ug/l	98
42) 1,2-Dichloroethane	6.16	62	368078	52.112	ug/l	99
43) Isopropyl Acetate	6.41	43	521312	46.437	ug/l	99
44) Trichloroethene	7.19	130	263237	50.084	ug/l	90
45) 1,2-Dichloropropane	7.49	63	236884	47.536	ug/l	98
46) Dibromomethane	7.63	93	170290	49.739	ug/l	99
47) Bromodichloromethane	7.87	83	355037	51.455	ug/l	99
48) Methyl methacrylate	7.74	41	256680	46.975	ug/l	97
49) 1,4-Dioxane	7.76	88	92115	1020.242	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1587206	237.454	ug/l	100
52) Toluene	8.76	92	581631	50.909	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	395298	50.419	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	409825	50.740	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	236854	49.961	ug/l	98
56) Ethyl methacrylate	9.16	69	349723	49.751	ug/l	98
57) 1,3-Dichloropropane	9.35	76	392150	49.234	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	719532	192.526	ug/l	98
59) 2-Hexanone	9.47	43	1228703	241.675	ug/l	99
60) Dibromochloromethane	9.57	129	294172	52.039	ug/l	98
61) 1,2-Dibromoethane	9.65	107	259061	51.359	ug/l	99
64) Tetrachloroethene	9.32	164	255741	52.984	ug/l	94
65) Chlorobenzene	10.12	112	633479	50.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	253717	50.099	ug/l	98
67) Ethyl Benzene	10.24	91	1131626	51.788	ug/l	99
68) m/p-Xylenes	10.34	106	870890	105.360	ug/l	99
69) o-Xylene	10.68	106	394798	50.438	ug/l	100
70) Styrene	10.70	104	694269	51.370	ug/l	97
71) Bromoform	10.84	173	213754	50.270	ug/l	# 99
73) Isopropylbenzene	11.00	105	1116388	50.204	ug/l	99
74) N-amyl acetate	10.88	43	446103	44.560	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	344531	46.809	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	321869m	46.013	ug/l	
77) Bromobenzene	11.24	156	290819	47.398	ug/l	99
78) n-propylbenzene	11.34	91	1280114	49.180	ug/l	100
79) 2-Chlorotoluene	11.40	91	762085	48.369	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	962704	50.622	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	124498	45.607	ug/l	96
82) 4-Chlorotoluene	11.49	91	932066	49.766	ug/l	100
83) tert-Butylbenzene	11.76	119	932816	50.520	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	992056	51.798	ug/l	98
85) sec-Butylbenzene	11.93	105	1097596	50.379	ug/l	100
86) p-Isopropyltoluene	12.05	119	1036805	51.781	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	546065	49.499	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	539820	48.260	ug/l	98
89) n-Butylbenzene	12.37	91	934720	50.427	ug/l	100
90) Hexachloroethane	12.58	117	196875	49.251	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	506988	49.101	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	81341	45.523	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	353461	49.186	ug/l	97
94) Hexachlorobutadiene	13.77	225	165768	54.971	ug/l	98
95) Naphthalene	13.82	128	1043954	48.102	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	346152	50.402	ug/l	98

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

