

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120920\
 Data File : VX019793.D
 Acq On : 09 Dec 2020 20:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:31:34 AM

Quant Time: Dec 10 06:30:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	276055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	453620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	422183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172771	47.62	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.24%
35) Dibromofluoromethane	5.46	113	143728	49.03	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.06%
50) Toluene-d8	8.70	98	544643	48.66	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.32%
62) 4-Bromofluorobenzene	11.12	95	208668	48.98	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.96%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	129123	51.089	ug/l 100
3) Chloromethane	1.31	50	133841	45.029	ug/l 100
4) Vinyl Chloride	1.39	62	161094	51.401	ug/l 100
5) Bromomethane	1.62	94	44593	42.851	ug/l 100
6) Chloroethane	1.70	64	103571	55.012	ug/l 99
7) Trichlorofluoromethane	1.91	101	228580	52.370	ug/l 95
8) Diethyl Ether	2.17	74	94770	51.237	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	132883	53.115	ug/l 99
10) Methyl Iodide	2.49	142	153649	41.666	ug/l 100
11) Tert butyl alcohol	3.01	59	189643	254.293	ug/l 100
12) 1,1-Dichloroethene	2.36	96	135898	53.730	ug/l 99
13) Acrolein	2.27	56	91034	227.312	ug/l 98
14) Allyl chloride	2.70	41	215271	50.395	ug/l 99
15) Acrylonitrile	3.11	53	439920	268.211	ug/l 100
16) Acetone	2.42	43	343426	251.827	ug/l 98
17) Carbon Disulfide	2.55	76	335514	46.231	ug/l 99
18) Methyl Acetate	2.75	43	185508	55.588	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	485727	52.733	ug/l 100
20) Methylene Chloride	2.83	84	162347	52.208	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	152215	51.620	ug/l 98
22) Diisopropyl ether	3.82	45	460569	53.327	ug/l 96
23) Vinyl Acetate	3.78	43	1984842	269.748	ug/l 99
24) 1,1-Dichloroethane	3.67	63	273457	52.505	ug/l 99
25) 2-Butanone	4.63	43	555092	264.894	ug/l 100
26) 2,2-Dichloropropane	4.55	77	206819	46.112	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	178034	51.592	ug/l 98
28) Bromochloromethane	4.98	49	121368	48.884	ug/l 99
29) Tetrahydrofuran	5.08	42	361761	267.947	ug/l 99
30) Chloroform	5.17	83	284726	53.168	ug/l 98
31) Cyclohexane	5.55	56	232640	51.547	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	242244	52.527	ug/l 100
36) 1,1-Dichloropropene	5.76	75	204698	49.938	ug/l 100
37) Ethyl Acetate	4.79	43	215308	52.023	ug/l 100
38) Carbon Tetrachloride	5.75	117	207085	51.590	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	244196	50.706	ug/l	98
40) Benzene	6.11	78	641198	51.208	ug/l	99
41) Methacrylonitrile	4.99	41	117571	51.740	ug/l	98
42) 1,2-Dichloroethane	6.16	62	221705	51.823	ug/l	100
43) Isopropyl Acetate	6.41	43	342561	50.911	ug/l	100
44) Trichloroethene	7.18	130	165186	50.280	ug/l	99
45) 1,2-Dichloropropane	7.49	63	162685	51.985	ug/l	100
46) Dibromomethane	7.63	93	109975	52.038	ug/l	99
47) Bromodichloromethane	7.87	83	219405	52.319	ug/l	98
48) Methyl methacrylate	7.74	41	173240	52.350	ug/l	99
49) 1,4-Dioxane	7.71	88	83558	1042.326	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1097317	267.113	ug/l	99
52) Toluene	8.76	92	400670	51.162	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	237055	50.940	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	258455	51.122	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	166616	52.794	ug/l	99
56) Ethyl methacrylate	9.16	69	253600	53.112	ug/l	100
57) 1,3-Dichloropropane	9.35	76	279243	51.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	682323	269.744	ug/l	100
59) 2-Hexanone	9.47	43	840295	263.887	ug/l	100
60) Dibromochloromethane	9.56	129	170937	53.311	ug/l	99
61) 1,2-Dibromoethane	9.65	107	173210	51.686	ug/l	100
64) Tetrachloroethene	9.32	164	141199	49.872	ug/l	95
65) Chlorobenzene	10.12	112	421558	50.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	159822	52.792	ug/l	99
67) Ethyl Benzene	10.23	91	767957	51.437	ug/l	98
68) m/p-Xylenes	10.34	106	577340	102.623	ug/l	100
69) o-Xylene	10.68	106	281375	51.993	ug/l	99
70) Styrene	10.70	104	478776	52.414	ug/l	100
71) Bromoform	10.84	173	124913	52.450	ug/l	# 98
73) Isopropylbenzene	11.00	105	747199	51.413	ug/l	100
74) N-amyl acetate	10.88	43	301505	51.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	266508	52.013	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	243114m	50.956	ug/l	
77) Bromobenzene	11.24	156	187348	50.373	ug/l	99
78) n-propylbenzene	11.34	91	850324	51.227	ug/l	100
79) 2-Chlorotoluene	11.40	91	520350	50.904	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	639343	52.125	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	82750	50.139	ug/l	98
82) 4-Chlorotoluene	11.49	91	602504	50.327	ug/l	99
83) tert-Butylbenzene	11.76	119	623643	51.842	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	643315	52.067	ug/l	100
85) sec-Butylbenzene	11.93	105	725779	52.844	ug/l	99
86) p-Isopropyltoluene	12.05	119	659938	52.429	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	341313	50.001	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	338744	48.722	ug/l	99
89) n-Butylbenzene	12.37	91	575993	51.650	ug/l	99
90) Hexachloroethane	12.58	117	112919	51.961	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	340960	51.239	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58543	53.148	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	217625	50.240	ug/l	99
94) Hexachlorobutadiene	13.76	225	94545	48.834	ug/l	97
95) Naphthalene	13.82	128	767609	54.660	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	222457	52.549	ug/l	99

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

