

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120920\
 Data File : VX019769.D
 Acq On : 09 Dec 2020 11:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:31:40 AM

Quant Time: Dec 10 05:47:22 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	5.62	168	294996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	470437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	431940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	191861	49.49	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.98%
35) Dibromofluoromethane	5.45	113	157751	51.89	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.78%
50) Toluene-d8	8.69	98	614700	52.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.92%
62) 4-Bromofluorobenzene	11.12	95	238705	54.03	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.06%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	147661	54.673	ug/l	99
3) Chloromethane	1.31	50	149835	47.173	ug/l	99
4) Vinyl Chloride	1.39	62	180288	53.831	ug/l	100
5) Bromomethane	1.62	94	51899	46.669	ug/l	97
6) Chloroethane	1.70	64	113618	56.474	ug/l	98
7) Trichlorofluoromethane	1.91	101	257194	55.142	ug/l	99
8) Diethyl Ether	2.17	74	106046	53.653	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	148180	55.427	ug/l	100
10) Methyl Iodide	2.49	142	172733	43.834	ug/l	99
11) Tert butyl alcohol	3.01	59	203061	254.808	ug/l	100
12) 1,1-Dichloroethene	2.36	96	148409	54.909	ug/l	100
13) Acrolein	2.27	56	96600	225.722	ug/l	99
14) Allyl chloride	2.70	41	245137	53.702	ug/l	100
15) Acrylonitrile	3.11	53	464004	264.731	ug/l	100
16) Acetone	2.42	43	416962	286.118	ug/l	100
17) Carbon Disulfide	2.54	76	397967	51.316	ug/l	99
18) Methyl Acetate	2.74	43	194251	54.470	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	546367	55.507	ug/l	99
20) Methylene Chloride	2.83	84	183502	55.306	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	172680	54.800	ug/l	99
22) Diisopropyl ether	3.82	45	512347	55.513	ug/l	97
23) Vinyl Acetate	3.78	43	2192370	278.822	ug/l	99
24) 1,1-Dichloroethane	3.67	63	304440	54.701	ug/l	100
25) 2-Butanone	4.62	43	605024	270.184	ug/l	98
26) 2,2-Dichloropropane	4.54	77	267834	55.882	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	200363	54.335	ug/l	98
28) Bromochloromethane	4.97	49	119885	45.186	ug/l	99
29) Tetrahydrofuran	5.08	42	374928	259.869	ug/l	100
30) Chloroform	5.17	83	313644	54.807	ug/l	99
31) Cyclohexane	5.54	56	261267	54.173	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	272001	55.192	ug/l	99
36) 1,1-Dichloropropene	5.76	75	233217	54.861	ug/l	100
37) Ethyl Acetate	4.78	43	228477	53.232	ug/l	99
38) Carbon Tetrachloride	5.75	117	233357	56.057	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	285515	57.166	ug/l	99
40) Benzene	6.10	78	717136	55.225	ug/l	99
41) Methacrylonitrile	5.00	41	124679	52.907	ug/l	98
42) 1,2-Dichloroethane	6.15	62	245667	55.371	ug/l	100
43) Isopropyl Acetate	6.40	43	376009	53.884	ug/l	100
44) Trichloroethene	7.18	130	190255	55.840	ug/l	96
45) 1,2-Dichloropropane	7.48	63	180671	55.669	ug/l	97
46) Dibromomethane	7.63	93	122092	55.707	ug/l	98
47) Bromodichloromethane	7.87	83	249469	57.362	ug/l	99
48) Methyl methacrylate	7.74	41	186434	54.323	ug/l	99
49) 1,4-Dioxane	7.71	88	90825	1092.475	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1162614	272.891	ug/l	100
52) Toluene	8.76	92	452947	55.770	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	278293	57.664	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	301239	57.454	ug/l	99
55) 1,1,2-Trichloroethane	9.19	97	184650	56.417	ug/l	98
56) Ethyl methacrylate	9.15	69	282929	57.136	ug/l	99
57) 1,3-Dichloropropane	9.35	76	308000	55.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	782735	298.379	ug/l	99
59) 2-Hexanone	9.47	43	930712	281.833	ug/l	99
60) Dibromochloromethane	9.56	129	196498	59.092	ug/l	100
61) 1,2-Dibromoethane	9.65	107	191879	55.210	ug/l	98
64) Tetrachloroethene	9.32	164	163853	56.566	ug/l	96
65) Chlorobenzene	10.12	112	480422	55.828	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	179441	57.934	ug/l	99
67) Ethyl Benzene	10.23	91	869594	56.929	ug/l	98
68) m/p-Xylenes	10.34	106	660922	114.826	ug/l	99
69) o-Xylene	10.68	106	320043	57.803	ug/l	100
70) Styrene	10.70	104	550667	58.923	ug/l	100
71) Bromoform	10.84	173	145807	59.840	ug/l #	99
73) Isopropylbenzene	11.00	105	861853	55.891	ug/l	99
74) N-amyl acetate	10.88	43	332820	53.858	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	288137	53.000	ug/l	98
76) 1,2,3-Trichloropropane	11.27	75	275207m	54.365	ug/l	
77) Bromobenzene	11.24	156	215341	54.569	ug/l	98
78) n-propylbenzene	11.34	91	998224	56.678	ug/l	100
79) 2-Chlorotoluene	11.40	91	599475	55.272	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	725823	55.772	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	99559	56.854	ug/l	99
82) 4-Chlorotoluene	11.49	91	702101	55.273	ug/l	99
83) tert-Butylbenzene	11.76	119	721715	56.544	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	747004	56.982	ug/l	99
85) sec-Butylbenzene	11.93	105	827900	56.812	ug/l	99
86) p-Isopropyltoluene	12.05	119	772539	57.844	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	395940	54.667	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	405093	54.914	ug/l	99
89) n-Butylbenzene	12.37	91	689816	58.298	ug/l	99
90) Hexachloroethane	12.58	117	133267	57.798	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	387563	54.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61194	52.359	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	260933	56.774	ug/l	98
94) Hexachlorobutadiene	13.76	225	114124	55.556	ug/l	99
95) Naphthalene	13.82	128	831556	55.808	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	256257	57.052	ug/l	100

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

