

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX110421\
 Data File : VX025079.D
 Acq On : 04 Nov 2021 19:18
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 07 00:04:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X110421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 03 23:52:56 2021
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	107	-0.01
2 M	Dichlorodifluoromethane	20.000	20.528	-2.6	104	0.00
3 M	Chloromethane	20.000	19.182	4.1	92	0.00
4 M	Vinyl Chloride	20.000	28.849	-44.2#	148	0.00
5 M	Bromomethane	20.000	30.768	-53.8#	146	0.00
6 M	Chloroethane	20.000	37.489	-87.4#	176	0.00
7 M	Trichlorofluoromethane	20.000	28.332	-41.7#	145	0.00
8 T	Diethyl Ether	20.000	34.191	-71.0#	175	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.758	6.2	100	0.00
10 M	1,1-Dichloroethene	20.000	18.906	5.5	97	0.00
11	Methyl Iodide	20.000	20.812	-4.1	134	0.00
12	Methyl Acetate	20.000	27.683	-38.4#	141	0.00
13 M	Acrolein	100.000	121.455	-21.5	141	0.00
14 M	Acrylonitrile	100.000	96.080	3.9	96	0.00
15 M	Acetone	100.000	94.877	5.1	92	0.00
16 M	Carbon Disulfide	20.000	19.378	3.1	102	0.00
17	Allyl chloride	20.000	30.231	-51.2#	158	0.00
18 M	Methylene Chloride	20.000	22.702	-13.5	112	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.956	0.2	103	0.00
20 T	Diisopropyl ether	20.000	20.475	-2.4	102	0.00
21 M	1,1-Dichloroethane	20.000	19.589	2.1	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.271	-1.4	104	0.00
23 M	tert-Butyl Alcohol	100.000	86.081	13.9	84	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.543	-2.7	103	0.00
25 M	Chloroform	20.000	19.990	0.1	100	0.00
26	Cyclohexane	20.000	20.009	-0.0	102	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.311	5.6	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	20.618	-3.1	99	0.00
30 M	2-Butanone	100.000	97.870	2.1	93	0.00
31	2,2-Dichloropropane	20.000	20.111	-0.6	96	0.00
32 M	1,1,1-Trichloroethane	20.000	21.290	-6.4	107	0.00
33 M	Carbon Tetrachloride	20.000	21.363	-6.8	108	0.00
34 M	Benzene	20.000	21.130	-5.6	104	0.00
35	Methacrylonitrile	20.000	20.587	-2.9	101	-0.09
36 M	1,2-Dichloroethane	20.000	22.209	-11.0	109	0.00
37 M	Trichloroethene	20.000	15.864	20.7	82	0.00
38	Methylcyclohexane	20.000	16.028	19.9	80	0.00
39 M	1,2-Dichloropropane	20.000	17.578	12.1	91	0.00
40	Dibromomethane	20.000	16.456	17.7	83	0.00
41 M	Bromodichloromethane	20.000	16.349	18.3	83	0.00
42 M	Vinyl Acetate	100.000	99.855	0.1	97	0.00
43	Ethyl Acetate	20.000	19.244	3.8	93	0.00
44	Isopropyl Acetate	20.000	30.229	-51.1#	152	0.00
45 T	1,4-Dioxane	400.000	330.802	17.3	80	-0.01
46	Methyl methacrylate	20.000	21.483	-7.4	105	0.00
47	n-amyl Acetate	20.000	23.804	-19.0	120	0.00
48 M	t-1,3-Dichloropropene	20.000	16.708	16.5	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	16.066	19.7	81	0.00
50 M	1,1,2-Trichloroethane	20.000	15.765	21.2	80	0.00
51	Ethyl methacrylate	20.000	16.415	17.9	83	0.00
52	1,3-Dichloropropane	20.000	17.538	12.3	86	0.00
53 M	Dibromochloromethane	20.000	16.187	19.1	83	0.00
54 M	1,2-Dibromoethane	20.000	15.889	20.6	80	0.00
55 M	2-Chloroethyl vinyl ether	100.000	87.597	12.4	91	0.00
56 M	Bromoform	20.000	15.723	21.4	83	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	100.000	140.410	-40.4#	104	0.00
59 M	2-Hexanone	100.000	140.480	-40.5#	104	0.00
60 S	4-Bromofluorobenzene	30.000	34.731	-15.8	93	0.00
61 M	Tetrachloroethene	20.000	20.994	-5.0	82	0.00
62 M	Toluene	20.000	21.769	-8.8	84	0.00
63 S	Toluene-d8	30.000	30.158	-0.5	80	0.00
64 M	Chlorobenzene	20.000	21.689	-8.4	83	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.433	-2.2	77	0.00
66 M	Ethyl Benzene	20.000	21.817	-9.1	83	0.00
67 M	m/p-Xylenes	40.000	43.826	-9.6	85	0.00
68 M	o-Xylene	20.000	23.037	-15.2	88	0.00
69 M	Styrene	20.000	21.596	-8.0	85	0.00
70	Isopropylbenzene	20.000	23.067	-15.3	88	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	30.345	-51.7#	115	0.00
72	1,2,3-Trichloropropane	20.000	25.275	-26.4#	95	0.00
73	Bromobenzene	20.000	27.710	-38.6#	109	0.00
74	n-propylbenzene	20.000	27.488	-37.4#	104	0.00
75	2-Chlorotoluene	20.000	27.648	-38.2#	107	0.00
76	1,3,5-Trimethylbenzene	20.000	27.282	-36.4#	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	22.156	-10.8	90	0.00
78	4-Chlorotoluene	20.000	27.133	-35.7#	103	0.00
79	tert-butylbenzene	20.000	28.788	-43.9#	109	0.00
80	1,2,4-Trimethylbenzene	20.000	28.297	-41.5#	106	0.00
81	sec-Butylbenzene	20.000	27.991	-40.0#	106	0.00
82	p-Isopropyltoluene	20.000	28.567	-42.8#	108	0.00
83 M	1,3-Dichlorobenzene	20.000	27.855	-39.3#	109	0.00
84 M	1,4-Dichlorobenzene	20.000	28.640	-43.2#	113	0.00
85	n-Butylbenzene	20.000	27.538	-37.7#	107	0.00
86 T	Hexachloroethane	20.000	27.886	-39.4#	111	0.00
87 M	1,2-Dichlorobenzene	20.000	27.667	-38.3#	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	26.448	-32.2#	105	0.00
89	1,2,4-Trichlorobenzene	20.000	28.664	-43.3#	109	0.00
90	Hexachlorobutadiene	20.000	29.089	-45.4#	114	0.00
91 M	Naphthalene	20.000	27.078	-35.4#	104	0.00
92	1,2,3-Trichlorobenzene	20.000	28.259	-41.3#	109	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0