

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
 Data File : VN072678.D
 Acq On : 07 Jun 2022 10:36
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 08 09:54:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 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	85	0.00
2 M	Dichlorodifluoromethane	50.000	19.937	60.1#	36	0.00
3 M	Chloromethane	50.000	19.487	61.0#	35	0.00
4 M	Vinyl Chloride	50.000	19.642	60.7#	35	0.00
5 M	Bromomethane	50.000	17.941	64.1#	34	0.00
6 M	Chloroethane	50.000	21.123	57.8#	40	0.00
7 M	Trichlorofluoromethane	50.000	19.419	61.2#	35	0.00
8 T	Diethyl Ether	50.000	20.148	59.7#	35	0.00
9	1,1,2-Trichlorotrifluoroeth	50.000	19.877	60.2#	35	0.00
10 M	1,1-Dichloroethene	50.000	19.939	60.1#	36	0.00
11	Methyl Iodide	50.000	18.183	63.6#	30	0.00
12	Methyl Acetate	50.000	21.013	58.0#	37	0.00
13 M	Acrolein	250.000	73.928	70.4#	28	0.00
14 M	Acrylonitrile	250.000	100.066	60.0#	35	0.00
15 M	Acetone	250.000	99.374	60.3#	35	0.00
16 M	Carbon Disulfide	50.000	18.262	63.5#	35	0.00
17	Allyl chloride	50.000	18.836	62.3#	33	0.00
18 M	Methylene Chloride	50.000	20.354	59.3#	36	-0.01
19 M	trans-1,2-Dichloroethene	50.000	19.680	60.6#	35	0.00
20 T	Diisopropyl ether	50.000	20.962	58.1#	36	0.00
21 M	1,1-Dichloroethane	50.000	20.354	59.3#	36	0.00
22 M	cis-1,2-Dichloroethene	50.000	20.062	59.9#	36	0.00
23 M	tert-Butyl Alcohol	250.000	87.744	64.9#	32	0.00
24 M	Methyl tert-Butyl Ether	50.000	20.033	59.9#	35	0.00
25 M	Chloroform	50.000	20.103	59.8#	35	0.00
26	Cyclohexane	50.000	20.083	59.8#	36	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.989	-3.3	87	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29	1,1-Dichloropropene	50.000	18.668	62.7#	35	0.00
30 M	2-Butanone	250.000	93.757	62.5#	34	0.00
31	2,2-Dichloropropane	50.000	10.585	78.8#	20	0.00
32 M	1,1,1-Trichloroethane	50.000	18.976	62.0#	35	0.00
33 M	Carbon Tetrachloride	50.000	18.715	62.6#	35	0.00
34 M	Benzene	50.000	19.507	61.0#	36	0.00
35	Methacrylonitrile	50.000	20.157	59.7#	37	0.00
36 M	1,2-Dichloroethane	50.000	19.119	61.8#	35	0.00
37 M	Trichloroethene	50.000	19.348	61.3#	36	0.00
38	Methylcyclohexane	50.000	18.983	62.0#	35	0.00
39 M	1,2-Dichloropropane	50.000	19.390	61.2#	36	0.00
40	Dibromomethane	50.000	19.614	60.8#	36	0.00
41 M	Bromodichloromethane	50.000	19.596	60.8#	36	0.00
42 M	Vinyl Acetate	250.000	93.461	62.6#	34	0.00
43	Ethyl Acetate	50.000	19.593	60.8#	37	0.00
44	Isopropyl Acetate	50.000	19.179	61.6#	35	0.00
45 T	1,4-Dioxane	1000.000	344.974	65.5#	32	0.00
46	Methyl methacrylate	50.000	17.871	64.3#	34	0.00
47	n-amyl Acetate	50.000	15.408	69.2#	27	0.00
48 M	t-1,3-Dichloropropene	50.000	16.439	67.1#	30	0.00

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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)
49 T	cis-1,3-Dichloropropene	50.000	16.960	66.1#	31	0.00
50 M	1,1,2-Trichloroethane	50.000	19.793	60.4#	37	0.00
51	Ethyl methacrylate	50.000	18.377	63.2#	34	0.00
52	1,3-Dichloropropane	50.000	20.034	59.9#	37	0.00
53 M	Dibromochloromethane	50.000	18.888	62.2#	35	0.00
54 M	1,2-Dibromoethane	50.000	18.779	62.4#	35	0.00
55 M	2-Chloroethyl vinyl ether	250.000	89.718	64.1#	32	0.00
56 M	Bromoform	50.000	17.647	64.7#	32	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	250.000	100.510	59.8#	35	0.00
59 M	2-Hexanone	250.000	93.943	62.4#	32	0.00
60 S	4-Bromofluorobenzene	30.000	27.938	6.9	75	0.00
61 M	Tetrachloroethene	50.000	21.418	57.2#	38	0.00
62 M	Toluene	50.000	20.109	59.8#	35	0.00
63 S	Toluene-d8	30.000	31.456	-4.9	87	0.00
64 M	Chlorobenzene	50.000	19.748	60.5#	34	0.00
65	1,1,1,2-Tetrachloroethane	50.000	20.221	59.6#	35	0.00
66 M	Ethyl Benzene	50.000	20.059	59.9#	35	0.00
67 M	m/p-Xylenes	100.000	38.577	61.4#	34	0.00
68 M	o-Xylene	50.000	19.083	61.8#	34	0.00
69 M	Styrene	50.000	18.978	62.0#	32	0.00
70	Isopropylbenzene	50.000	19.524	61.0#	34	0.00
71 M	1,1,2,2-Tetrachloroethane	50.000	19.162	61.7#	32	0.00
72	1,2,3-Trichloropropane	50.000	21.219	57.6#	37	0.00
73	Bromobenzene	50.000	18.717	62.6#	32	0.00
74	n-propylbenzene	50.000	18.822	62.4#	32	0.00
75	2-Chlorotoluene	50.000	18.745	62.5#	32	0.00
76	1,3,5-Trimethylbenzene	50.000	19.287	61.4#	33	0.00
77	t-1,4-Dichloro-2-butene	50.000	14.377	71.2#	24	0.00
78	4-Chlorotoluene	50.000	18.587	62.8#	32	0.00
79	tert-butylbenzene	50.000	19.045	61.9#	33	0.00
80	1,2,4-Trimethylbenzene	50.000	19.152	61.7#	33	0.00
81	sec-Butylbenzene	50.000	19.152	61.7#	33	0.00
82	p-Isopropyltoluene	50.000	18.360	63.3#	31	0.00
83 M	1,3-Dichlorobenzene	50.000	17.880	64.2#	30	0.00
84 M	1,4-Dichlorobenzene	50.000	18.242	63.5#	31	0.00
85	n-Butylbenzene	50.000	17.458	65.1#	29	0.00
86 T	Hexachloroethane	50.000	18.827	62.3#	32	0.00
87 M	1,2-Dichlorobenzene	50.000	18.742	62.5#	31	0.00
88	1,2-Dibromo-3-Chloropropane	50.000	17.461	65.1#	29	0.00
89	1,2,4-Trichlorobenzene	50.000	17.265	65.5#	30	0.00
90	Hexachlorobutadiene	50.000	18.028	63.9#	30	0.00
91 M	Naphthalene	50.000	15.842	68.3#	27	0.00
92	1,2,3-Trichlorobenzene	50.000	17.500	65.0#	30	0.00

(#) = Out of Range

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