

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072665.D
 Acq On : 06 Jun 2022 15:51
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 07 06:26:21 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 : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	92	0.00
2 M	Dichlorodifluoromethane	20.000	18.711	6.4	86	0.00
3 M	Chloromethane	20.000	18.341	8.3	85	0.00
4 M	Vinyl Chloride	20.000	17.478	12.6	80	0.00
5 M	Bromomethane	20.000	18.926	5.4	89	0.00
6 M	Chloroethane	20.000	19.403	3.0	83	0.00
7 M	Trichlorofluoromethane	20.000	18.048	9.8	82	0.00
8 T	Diethyl Ether	20.000	19.865	0.7	90	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.251	8.7	83	0.00
10 M	1,1-Dichloroethene	20.000	18.148	9.3	85	0.00
11	Methyl Iodide	20.000	17.451	12.7	77	0.00
12	Methyl Acetate	20.000	19.441	2.8	91	0.00
13 M	Acrolein	100.000	92.046	8.0	90	0.00
14 M	Acrylonitrile	100.000	100.213	-0.2	91	0.00
15 M	Acetone	100.000	95.380	4.6	86	0.00
16 M	Carbon Disulfide	20.000	17.301	13.5	84	0.00
17	Allyl chloride	20.000	19.095	4.5	87	0.00
18 M	Methylene Chloride	20.000	19.788	1.1	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.625	6.9	85	0.00
20 T	Diisopropyl ether	20.000	20.147	-0.7	90	0.00
21 M	1,1-Dichloroethane	20.000	19.197	4.0	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.221	3.9	87	0.00
23 M	tert-Butyl Alcohol	100.000	101.336	-1.3	90	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.776	1.1	89	0.00
25 M	Chloroform	20.000	19.358	3.2	88	0.00
26	Cyclohexane	20.000	17.977	10.1	82	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.946	-3.2	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	87	0.00
29	1,1-Dichloropropene	20.000	18.212	8.9	83	0.00
30 M	2-Butanone	100.000	101.865	-1.9	91	0.00
31	2,2-Dichloropropane	20.000	18.087	9.6	81	0.00
32 M	1,1,1-Trichloroethane	20.000	18.593	7.0	83	0.00
33 M	Carbon Tetrachloride	20.000	18.466	7.7	83	0.00
34 M	Benzene	20.000	19.245	3.8	86	0.00
35	Methacrylonitrile	20.000	18.899	5.5	89	0.00
36 M	1,2-Dichloroethane	20.000	19.746	1.3	87	0.00
37 M	Trichloroethene	20.000	18.298	8.5	84	0.00
38	Methylcyclohexane	20.000	18.781	6.1	86	0.00
39 M	1,2-Dichloropropane	20.000	19.686	1.6	89	0.00
40	Dibromomethane	20.000	20.000	0.0	90	0.00
41 M	Bromodichloromethane	20.000	19.997	0.0	89	0.00
42 M	Vinyl Acetate	100.000	100.826	-0.8	90	0.00
43	Ethyl Acetate	20.000	21.282	-6.4	93	0.00
44	Isopropyl Acetate	20.000	19.929	0.4	89	0.00
45 T	1,4-Dioxane	400.000	419.323	-4.8	91	0.00
46	Methyl methacrylate	20.000	19.559	2.2	90	0.00
47	n-amyl Acetate	20.000	18.404	8.0	89	0.00
48 M	t-1,3-Dichloropropene	20.000	18.758	6.2	87	0.00

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.152	4.2	88	0.00
50 M	1,1,2-Trichloroethane	20.000	19.589	2.1	86	0.00
51	Ethyl methacrylate	20.000	20.008	-0.0	91	0.00
52	1,3-Dichloropropane	20.000	20.143	-0.7	88	0.00
53 M	Dibromochloromethane	20.000	19.420	2.9	88	0.00
54 M	1,2-Dibromoethane	20.000	19.650	1.8	88	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.761	1.2	96	0.00
56 M	Bromoform	20.000	19.040	4.8	89	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.073	-4.1	92	0.00
59 M	2-Hexanone	100.000	102.852	-2.9	92	0.00
60 S	4-Bromofluorobenzene	30.000	28.857	3.8	88	0.00
61 M	Tetrachloroethene	20.000	20.392	-2.0	90	0.00
62 M	Toluene	20.000	19.574	2.1	87	0.00
63 S	Toluene-d8	30.000	30.185	-0.6	86	0.00
64 M	Chlorobenzene	20.000	19.456	2.7	88	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.401	3.0	84	0.00
66 M	Ethyl Benzene	20.000	19.097	4.5	86	0.00
67 M	m/p-Xylenes	40.000	37.921	5.2	86	0.00
68 M	o-Xylene	20.000	19.236	3.8	86	0.00
69 M	Styrene	20.000	18.950	5.3	89	0.00
70	Isopropylbenzene	20.000	18.921	5.4	86	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.634	-3.2	92	0.00
72	1,2,3-Trichloropropane	20.000	19.957	0.2	80	0.00
73	Bromobenzene	20.000	18.800	6.0	86	0.00
74	n-propylbenzene	20.000	18.300	8.5	86	0.00
75	2-Chlorotoluene	20.000	18.816	5.9	87	0.00
76	1,3,5-Trimethylbenzene	20.000	19.130	4.4	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.976	5.1	90	0.00
78	4-Chlorotoluene	20.000	18.200	9.0	86	0.00
79	tert-butylbenzene	20.000	18.732	6.3	85	0.00
80	1,2,4-Trimethylbenzene	20.000	18.785	6.1	88	0.00
81	sec-Butylbenzene	20.000	18.785	6.1	88	0.00
82	p-Isopropyltoluene	20.000	18.312	8.4	88	0.00
83 M	1,3-Dichlorobenzene	20.000	17.928	10.4	87	0.00
84 M	1,4-Dichlorobenzene	20.000	18.216	8.9	87	0.00
85	n-Butylbenzene	20.000	17.773	11.1	88	0.00
86 T	Hexachloroethane	20.000	18.646	6.8	86	0.00
87 M	1,2-Dichlorobenzene	20.000	18.748	6.3	89	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.167	4.2	88	0.00
89	1,2,4-Trichlorobenzene	20.000	17.924	10.4	89	0.00
90	Hexachlorobutadiene	20.000	18.529	7.4	85	0.00
91 M	Naphthalene	20.000	17.851	10.7	89	0.00
92	1,2,3-Trichlorobenzene	20.000	18.677	6.6	94	0.00

(#) = Out of Range

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