

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076698.D
 Acq On : 15 Feb 2023 20:28
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 16 04:37:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 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	83	0.00
2 M	Dichlorodifluoromethane	20.000	21.048	-5.2	83	0.00
3 M	Chloromethane	20.000	21.800	-9.0	89	0.00
4 M	Vinyl Chloride	20.000	22.478	-12.4	92	0.00
5 M	Bromomethane	20.000	20.154	-0.8	89	0.00
6 M	Chloroethane	20.000	23.513	-17.6	96	0.00
7 M	Trichlorofluoromethane	20.000	21.065	-5.3	87	0.00
8 T	Diethyl Ether	20.000	21.400	-7.0	91	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.522	-2.6	86	0.00
10 M	1,1-Dichloroethene	20.000	21.403	-7.0	91	0.00
11	Methyl Iodide	20.000	20.282	-1.4	79	0.00
12	Methyl Acetate	20.000	24.136	-20.7	100	0.00
13 M	Acrolein	100.000	102.590	-2.6	92	0.00
14 M	Acrylonitrile	100.000	113.272	-13.3	93	0.00
15 M	Acetone	100.000	89.503	10.5	67	0.00
16 M	Carbon Disulfide	20.000	20.940	-4.7	88	0.00
17	Allyl chloride	20.000	21.037	-5.2	91	0.00
18 M	Methylene Chloride	20.000	21.614	-8.1	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.296	-1.5	90	0.00
20 T	Diisopropyl ether	20.000	21.082	-5.4	86	0.00
21 M	1,1-Dichloroethane	20.000	21.876	-9.4	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.191	-6.0	87	0.00
23 M	tert-Butyl Alcohol	100.000	121.640	-21.6	97	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.829	-9.1	90	0.00
25 M	Chloroform	20.000	22.354	-11.8	90	0.00
26	Cyclohexane	20.000	21.253	-6.3	85	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.672	-8.9	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29	1,1-Dichloropropene	20.000	20.768	-3.8	90	0.00
30 M	2-Butanone	100.000	107.565	-7.6	89	0.00
31	2,2-Dichloropropane	20.000	17.299	13.5	75	0.00
32 M	1,1,1-Trichloroethane	20.000	20.168	-0.8	90	0.00
33 M	Carbon Tetrachloride	20.000	19.714	1.4	86	0.00
34 M	Benzene	20.000	20.632	-3.2	89	0.00
35	Methacrylonitrile	20.000	22.415	-12.1	99	0.00
36 M	1,2-Dichloroethane	20.000	21.542	-7.7	91	0.00
37 M	Trichloroethene	20.000	18.895	5.5	85	0.00
38	Methylcyclohexane	20.000	19.227	3.9	83	0.00
39 M	1,2-Dichloropropane	20.000	21.123	-5.6	93	0.00
40	Dibromomethane	20.000	21.405	-7.0	92	0.00
41 M	Bromodichloromethane	20.000	20.465	-2.3	88	0.00
42 M	Vinyl Acetate	100.000	102.584	-2.6	90	0.00
43	Ethyl Acetate	20.000	23.508	-17.5	101	0.00
44	Isopropyl Acetate	20.000	21.316	-6.6	90	0.00
45 T	1,4-Dioxane	400.000	439.514	-9.9	97	0.00
46	Methyl methacrylate	20.000	22.258	-11.3	95	0.00
47	n-amyl Acetate	20.000	21.070	-5.4	90	0.00
48 M	t-1,3-Dichloropropene	20.000	19.398	3.0	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.319	3.4	84	0.00
50 M	1,1,2-Trichloroethane	20.000	20.899	-4.5	89	0.00
51	Ethyl methacrylate	20.000	21.218	-6.1	91	0.00
52	1,3-Dichloropropane	20.000	21.511	-7.6	92	0.00
53 M	Dibromochloromethane	20.000	20.405	-2.0	89	0.00
54 M	1,2-Dibromoethane	20.000	19.833	0.8	85	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.121	5.9	84	0.00
56 M	Bromoform	20.000	19.324	3.4	86	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	113.121	-13.1	96	0.00
59 M	2-Hexanone	100.000	111.697	-11.7	93	0.00
60 S	4-Bromofluorobenzene	30.000	30.560	-1.9	90	0.00
61 M	Tetrachloroethene	20.000	18.575	7.1	86	0.00
62 M	Toluene	20.000	20.421	-2.1	89	0.00
63 S	Toluene-d8	30.000	31.014	-3.4	91	0.00
64 M	Chlorobenzene	20.000	19.866	0.7	89	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.043	-0.2	90	0.00
66 M	Ethyl Benzene	20.000	20.555	-2.8	90	0.00
67 M	m/p-Xylenes	40.000	41.367	-3.4	88	0.00
68 M	o-Xylene	20.000	21.184	-5.9	92	0.00
69 M	Styrene	20.000	21.010	-5.1	91	0.00
70	Isopropylbenzene	20.000	20.506	-2.5	87	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.608	-8.0	93	0.00
72	1,2,3-Trichloropropane	20.000	19.022	4.9	79	0.00
73	Bromobenzene	20.000	20.107	-0.5	86	0.00
74	n-propylbenzene	20.000	20.320	-1.6	87	0.00
75	2-Chlorotoluene	20.000	20.529	-2.6	88	0.00
76	1,3,5-Trimethylbenzene	20.000	20.964	-4.8	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.994	-10.0	97	0.00
78	4-Chlorotoluene	20.000	20.691	-3.5	89	0.00
79	tert-butylbenzene	20.000	20.420	-2.1	87	0.00
80	1,2,4-Trimethylbenzene	20.000	20.954	-4.8	89	0.00
81	sec-Butylbenzene	20.000	20.569	-2.8	86	0.00
82	p-Isopropyltoluene	20.000	20.671	-3.4	87	0.00
83 M	1,3-Dichlorobenzene	20.000	20.221	-1.1	89	0.00
84 M	1,4-Dichlorobenzene	20.000	20.196	-1.0	88	0.00
85	n-Butylbenzene	20.000	19.239	3.8	84	0.00
86 T	Hexachloroethane	20.000	19.916	0.4	87	0.00
87 M	1,2-Dichlorobenzene	20.000	20.446	-2.2	91	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.417	-2.1	85	0.00
89	1,2,4-Trichlorobenzene	20.000	18.803	6.0	87	0.00
90	Hexachlorobutadiene	20.000	18.933	5.3	88	0.00
91 M	Naphthalene	20.000	19.834	0.8	89	0.00
92	1,2,3-Trichlorobenzene	20.000	18.667	6.7	87	0.00

(#) = Out of Range

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