

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083023\
 Data File : VN079115.D
 Acq On : 30 Aug 2023 16:52
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 31 02:16:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 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	87	0.00
2 M	Dichlorodifluoromethane	20.000	18.356	8.2	80	0.00
3 M	Chloromethane	20.000	18.180	9.1	78	0.00
4 M	Vinyl Chloride	20.000	19.469	2.7	84	0.00
5 M	Bromomethane	20.000	20.275	-1.4	90	-0.01
6 M	Chloroethane	20.000	20.242	-1.2	90	0.00
7 M	Trichlorofluoromethane	20.000	18.846	5.8	84	0.00
8 T	Diethyl Ether	20.000	10.373	48.1#	44	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.619	-3.1	89	0.00
10 M	1,1-Dichloroethene	20.000	18.261	8.7	77	0.00
11	Methyl Iodide	20.000	18.929	5.4	82	0.00
12	Methyl Acetate	20.000	19.488	2.6	83	0.00
13 M	Acrolein	100.000	40.087	59.9#	36	0.00
14 M	Acrylonitrile	100.000	95.812	4.2	81	0.00
15 M	Acetone	100.000	88.656	11.3	78	0.00
16 M	Carbon Disulfide	20.000	17.676	11.6	75	0.00
17	Allyl chloride	20.000	18.092	9.5	78	0.00
18 M	Methylene Chloride	20.000	19.654	1.7	84	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.744	6.3	83	0.00
20 T	Diisopropyl ether	20.000	19.391	3.0	82	0.00
21 M	1,1-Dichloroethane	20.000	19.769	1.2	84	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.798	1.0	82	0.00
23 M	tert-Butyl Alcohol	100.000	95.573	4.4	79	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.511	7.4	77	0.00
25 M	Chloroform	20.000	20.387	-1.9	89	0.00
26	Cyclohexane	20.000	19.633	1.8	84	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.920	0.3	87	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	81	0.00
29	1,1-Dichloropropene	20.000	20.945	-4.7	81	0.00
30 M	2-Butanone	100.000	99.114	0.9	80	0.00
31	2,2-Dichloropropane	20.000	20.739	-3.7	82	0.00
32 M	1,1,1-Trichloroethane	20.000	20.904	-4.5	83	0.00
33 M	Carbon Tetrachloride	20.000	21.592	-8.0	85	0.00
34 M	Benzene	20.000	20.948	-4.7	83	0.00
35	Methacrylonitrile	20.000	19.287	3.6	75	0.00
36 M	1,2-Dichloroethane	20.000	21.354	-6.8	86	0.00
37 M	Trichloroethene	20.000	20.170	-0.9	82	0.00
38	Methylcyclohexane	20.000	21.168	-5.8	84	0.00
39 M	1,2-Dichloropropane	20.000	21.551	-7.8	87	0.00
40	Dibromomethane	20.000	22.333	-11.7	88	-0.01
41 M	Bromodichloromethane	20.000	22.050	-10.3	87	0.00
42 M	Vinyl Acetate	100.000	97.939	2.1	76	0.00
43	Ethyl Acetate	20.000	20.490	-2.4	84	0.00
44	Isopropyl Acetate	20.000	20.185	-0.9	79	0.00
45 T	1,4-Dioxane	400.000	432.756	-8.2	85	0.00
46	Methyl methacrylate	20.000	20.408	-2.0	79	0.00
47	n-amyl Acetate	20.000	20.188	-0.9	77	0.00
48 M	t-1,3-Dichloropropene	20.000	20.687	-3.4	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.086	-5.4	83	0.00
50 M	1,1,2-Trichloroethane	20.000	22.055	-10.3	85	0.00
51	Ethyl methacrylate	20.000	19.638	1.8	76	0.00
52	1,3-Dichloropropane	20.000	21.737	-8.7	86	0.00
53 M	Dibromochloromethane	20.000	21.501	-7.5	87	0.00
54 M	1,2-Dibromoethane	20.000	21.459	-7.3	85	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.155	-0.2	84	0.00
56 M	Bromoform	20.000	21.791	-9.0	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	82	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.814	-0.8	84	0.00
59 M	2-Hexanone	100.000	98.148	1.9	81	0.00
60 S	4-Bromofluorobenzene	30.000	30.052	-0.2	83	0.00
61 M	Tetrachloroethene	20.000	21.762	-8.8	89	0.00
62 M	Toluene	20.000	20.277	-1.4	83	0.00
63 S	Toluene-d8	30.000	30.044	-0.1	83	0.00
64 M	Chlorobenzene	20.000	20.189	-0.9	82	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.493	-2.5	83	0.00
66 M	Ethyl Benzene	20.000	20.097	-0.5	83	0.00
67 M	m/p-Xylenes	40.000	41.846	-4.6	85	0.00
68 M	o-Xylene	20.000	20.077	-0.4	83	0.00
69 M	Styrene	20.000	20.985	-4.9	84	0.00
70	Isopropylbenzene	20.000	21.024	-5.1	86	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.567	-7.8	89	0.00
72	1,2,3-Trichloropropane	20.000	20.138	-0.7	85	0.00
73	Bromobenzene	20.000	21.398	-7.0	88	0.00
74	n-propylbenzene	20.000	21.745	-8.7	88	0.00
75	2-Chlorotoluene	20.000	21.356	-6.8	87	0.00
76	1,3,5-Trimethylbenzene	20.000	22.907	-14.5	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.055	-0.3	83	0.00
78	4-Chlorotoluene	20.000	21.455	-7.3	87	0.00
79	tert-butylbenzene	20.000	21.157	-5.8	88	0.00
80	1,2,4-Trimethylbenzene	20.000	22.553	-12.8	91	0.00
81	sec-Butylbenzene	20.000	23.137	-15.7	93	0.00
82	p-Isopropyltoluene	20.000	22.697	-13.5	89	0.00
83 M	1,3-Dichlorobenzene	20.000	22.356	-11.8	94	0.00
84 M	1,4-Dichlorobenzene	20.000	20.969	-4.8	83	0.00
85	n-Butylbenzene	20.000	21.653	-8.3	86	0.00
86 T	Hexachloroethane	20.000	22.833	-14.2	95	0.00
87 M	1,2-Dichlorobenzene	20.000	21.105	-5.5	85	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.232	8.8	70	0.00
89	1,2,4-Trichlorobenzene	20.000	18.267	8.7	70	0.00
90	Hexachlorobutadiene	20.000	22.471	-12.4	84	0.00
91 M	Naphthalene	20.000	14.862	25.7#	57	0.00
92	1,2,3-Trichlorobenzene	20.000	18.267	8.7	70	0.00

(#) = Out of Range

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