

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084527.D
 Acq On : 25 Oct 2024 19:37
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 26 05:32:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 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	91	0.00
2 M	Dichlorodifluoromethane	20.000	18.502	7.5	80	0.00
3 M	Chloromethane	20.000	18.781	6.1	83	0.00
4 M	Vinyl Chloride	20.000	18.959	5.2	84	0.00
5 M	Bromomethane	20.000	18.456	7.7	80	0.00
6 M	Chloroethane	20.000	18.345	8.3	80	0.00
7 M	Trichlorofluoromethane	20.000	19.267	3.7	86	0.00
8 T	Diethyl Ether	20.000	18.437	7.8	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.095	-0.5	90	0.01
10 M	1,1-Dichloroethene	20.000	18.759	6.2	87	0.00
11	Methyl Iodide	20.000	18.546	7.3	84	0.00
12	Methyl Acetate	20.000	20.804	-4.0	97	0.00
13 M	Acrolein	100.000	97.690	2.3	96	0.00
14 M	Acrylonitrile	100.000	90.074	9.9	80	0.00
15 M	Acetone	100.000	86.081	13.9	82	0.01
16 M	Carbon Disulfide	20.000	17.299	13.5	77	0.00
17	Allyl chloride	20.000	17.536	12.3	78	0.00
18 M	Methylene Chloride	20.000	19.904	0.5	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.724	6.4	84	0.00
20 T	Diisopropyl ether	20.000	19.839	0.8	88	0.00
21 M	1,1-Dichloroethane	20.000	19.778	1.1	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.389	3.1	86	0.00
23 M	tert-Butyl Alcohol	100.000	85.280	14.7	78	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.982	5.1	85	0.00
25 M	Chloroform	20.000	20.252	-1.3	89	0.00
26	Cyclohexane	20.000	18.107	9.5	78	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.119	-0.4	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29	1,1-Dichloropropene	20.000	18.887	5.6	83	0.00
30 M	2-Butanone	100.000	89.907	10.1	81	0.00
31	2,2-Dichloropropane	20.000	15.485	22.6	69	0.00
32 M	1,1,1-Trichloroethane	20.000	19.826	0.9	85	0.00
33 M	Carbon Tetrachloride	20.000	19.721	1.4	87	0.00
34 M	Benzene	20.000	20.078	-0.4	88	0.00
35	Methacrylonitrile	20.000	17.713	11.4	80	0.00
36 M	1,2-Dichloroethane	20.000	20.279	-1.4	88	0.00
37 M	Trichloroethene	20.000	19.729	1.4	85	0.00
38	Methylcyclohexane	20.000	17.289	13.6	80	0.00
39 M	1,2-Dichloropropane	20.000	19.777	1.1	85	0.00
40	Dibromomethane	20.000	19.691	1.5	87	0.00
41 M	Bromodichloromethane	20.000	19.998	0.0	88	0.00
42 M	Vinyl Acetate	100.000	87.500	12.5	79	0.00
43	Ethyl Acetate	20.000	17.263	13.7	77	0.00
44	Isopropyl Acetate	20.000	19.266	3.7	86	0.00
45 T	1,4-Dioxane	400.000	369.015	7.7	87	0.00
46	Methyl methacrylate	20.000	18.395	8.0	82	0.00
47	n-amyl Acetate	20.000	18.307	8.5	82	0.00
48 M	t-1,3-Dichloropropene	20.000	18.236	8.8	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.913	5.4	82	0.00
50 M	1,1,2-Trichloroethane	20.000	20.399	-2.0	90	0.00
51	Ethyl methacrylate	20.000	18.717	6.4	84	0.00
52	1,3-Dichloropropane	20.000	19.446	2.8	85	0.00
53 M	Dibromochloromethane	20.000	20.274	-1.4	90	0.00
54 M	1,2-Dibromoethane	20.000	19.261	3.7	84	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.799	3.2	90	0.00
56 M	Bromoform	20.000	19.086	4.6	88	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.601	4.4	83	0.00
59 M	2-Hexanone	100.000	92.927	7.1	82	0.00
60 S	4-Bromofluorobenzene	30.000	29.657	1.1	87	0.00
61 M	Tetrachloroethene	20.000	20.663	-3.3	89	0.00
62 M	Toluene	20.000	20.155	-0.8	88	0.00
63 S	Toluene-d8	30.000	30.159	-0.5	87	0.00
64 M	Chlorobenzene	20.000	19.775	1.1	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.444	-2.2	88	0.00
66 M	Ethyl Benzene	20.000	19.272	3.6	85	0.00
67 M	m/p-Xylenes	40.000	39.725	0.7	86	0.00
68 M	o-Xylene	20.000	19.660	1.7	86	0.00
69 M	Styrene	20.000	19.558	2.2	86	0.00
70	Isopropylbenzene	20.000	19.247	3.8	84	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.873	0.6	87	0.00
72	1,2,3-Trichloropropane	20.000	21.807	-9.0	96	0.00
73	Bromobenzene	20.000	20.557	-2.8	90	0.00
74	n-propylbenzene	20.000	19.439	2.8	85	0.00
75	2-Chlorotoluene	20.000	19.943	0.3	87	0.00
76	1,3,5-Trimethylbenzene	20.000	20.164	-0.8	89	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.149	19.3	76	0.00
78	4-Chlorotoluene	20.000	19.623	1.9	87	0.00
79	tert-butylbenzene	20.000	19.353	3.2	86	0.00
80	1,2,4-Trimethylbenzene	20.000	19.607	2.0	86	0.00
81	sec-Butylbenzene	20.000	19.652	1.7	86	0.00
82	p-Isopropyltoluene	20.000	19.057	4.7	85	0.00
83 M	1,3-Dichlorobenzene	20.000	19.930	0.4	88	0.00
84 M	1,4-Dichlorobenzene	20.000	19.554	2.2	89	0.00
85	n-Butylbenzene	20.000	18.134	9.3	85	0.00
86 T	Hexachloroethane	20.000	19.155	4.2	85	0.00
87 M	1,2-Dichlorobenzene	20.000	19.394	3.0	87	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.925	10.4	80	0.00
89	1,2,4-Trichlorobenzene	20.000	18.563	7.2	85	0.00
90	Hexachlorobutadiene	20.000	17.775	11.1	83	0.00
91 M	Naphthalene	20.000	16.671	16.6	77	0.00
92	1,2,3-Trichlorobenzene	20.000	18.563	7.2	85	0.00

(#) = Out of Range

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