

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101824\
 Data File : VN084426.D
 Acq On : 18 Oct 2024 14:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 19 03:51:50 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	16.448	17.8	76	0.00
3 M	Chloromethane	20.000	17.698	11.5	84	0.00
4 M	Vinyl Chloride	20.000	17.999	10.0	86	0.00
5 M	Bromomethane	20.000	17.060	14.7	80	0.00
6 M	Chloroethane	20.000	17.466	12.7	82	0.00
7 M	Trichlorofluoromethane	20.000	17.332	13.3	83	0.00
8 T	Diethyl Ether	20.000	17.737	11.3	86	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.302	13.5	84	0.00
10 M	1,1-Dichloroethene	20.000	16.584	17.1	83	0.00
11	Methyl Iodide	20.000	17.251	13.7	84	0.00
12	Methyl Acetate	20.000	19.105	4.5	96	0.00
13 M	Acrolein	100.000	66.888	33.1#	71	0.00
14 M	Acrylonitrile	100.000	84.575	15.4	81	0.00
15 M	Acetone	100.000	76.533	23.5	79	0.01
16 M	Carbon Disulfide	20.000	15.588	22.1	74	0.00
17	Allyl chloride	20.000	15.651	21.7	75	0.00
18 M	Methylene Chloride	20.000	18.800	6.0	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.183	14.1	83	0.00
20 T	Diisopropyl ether	20.000	18.830	5.9	90	0.00
21 M	1,1-Dichloroethane	20.000	18.608	7.0	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.833	10.8	85	0.00
23 M	tert-Butyl Alcohol	100.000	74.662	25.3#	74	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.849	10.8	86	0.00
25 M	Chloroform	20.000	18.667	6.7	89	0.00
26	Cyclohexane	20.000	14.977	25.1#	70	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.515	4.9	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	86	0.00
29	1,1-Dichloropropene	20.000	18.175	9.1	78	0.00
30 M	2-Butanone	100.000	88.727	11.3	78	0.00
31	2,2-Dichloropropane	20.000	18.457	7.7	80	0.00
32 M	1,1,1-Trichloroethane	20.000	19.749	1.3	83	0.00
33 M	Carbon Tetrachloride	20.000	19.074	4.6	82	0.00
34 M	Benzene	20.000	19.884	0.6	85	0.00
35	Methacrylonitrile	20.000	19.087	4.6	84	0.00
36 M	1,2-Dichloroethane	20.000	20.659	-3.3	88	0.00
37 M	Trichloroethene	20.000	19.784	1.1	83	0.00
38	Methylcyclohexane	20.000	16.327	18.4	73	0.00
39 M	1,2-Dichloropropane	20.000	20.579	-2.9	86	0.00
40	Dibromomethane	20.000	21.177	-5.9	91	0.00
41 M	Bromodichloromethane	20.000	20.634	-3.2	89	0.00
42 M	Vinyl Acetate	100.000	91.836	8.2	81	0.00
43	Ethyl Acetate	20.000	17.232	13.8	75	0.00
44	Isopropyl Acetate	20.000	18.822	5.9	82	0.00
45 T	1,4-Dioxane	400.000	386.556	3.4	89	0.00
46	Methyl methacrylate	20.000	17.859	10.7	78	0.00
47	n-amyl Acetate	20.000	18.050	9.7	79	0.00
48 M	t-1,3-Dichloropropene	20.000	18.693	6.5	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.575	2.1	83	0.00
50 M	1,1,2-Trichloroethane	20.000	20.983	-4.9	90	0.00
51	Ethyl methacrylate	20.000	18.240	8.8	80	0.00
52	1,3-Dichloropropane	20.000	20.430	-2.1	87	0.00
53 M	Dibromochloromethane	20.000	20.466	-2.3	89	0.00
54 M	1,2-Dibromoethane	20.000	19.864	0.7	84	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.593	-4.6	95	0.00
56 M	Bromoform	20.000	19.585	2.1	89	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.494	7.5	80	0.00
59 M	2-Hexanone	100.000	89.767	10.2	80	0.00
60 S	4-Bromofluorobenzene	30.000	30.264	-0.9	88	0.00
61 M	Tetrachloroethene	20.000	20.931	-4.7	90	0.00
62 M	Toluene	20.000	19.652	1.7	85	0.00
63 S	Toluene-d8	30.000	30.297	-1.0	88	0.00
64 M	Chlorobenzene	20.000	19.376	3.1	85	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.924	0.4	86	0.00
66 M	Ethyl Benzene	20.000	18.409	8.0	81	0.00
67 M	m/p-Xylenes	40.000	38.119	4.7	83	0.00
68 M	o-Xylene	20.000	19.367	3.2	85	0.00
69 M	Styrene	20.000	18.574	7.1	82	0.00
70	Isopropylbenzene	20.000	18.243	8.8	79	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.339	3.3	84	0.00
72	1,2,3-Trichloropropane	20.000	21.755	-8.8	96	0.00
73	Bromobenzene	20.000	19.435	2.8	85	0.00
74	n-propylbenzene	20.000	18.263	8.7	80	0.00
75	2-Chlorotoluene	20.000	18.738	6.3	81	0.00
76	1,3,5-Trimethylbenzene	20.000	18.578	7.1	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.986	15.1	80	0.00
78	4-Chlorotoluene	20.000	18.661	6.7	82	0.00
79	tert-butylbenzene	20.000	18.115	9.4	80	0.00
80	1,2,4-Trimethylbenzene	20.000	18.512	7.4	82	0.00
81	sec-Butylbenzene	20.000	18.357	8.2	81	0.00
82	p-Isopropyltoluene	20.000	17.899	10.5	80	0.00
83 M	1,3-Dichlorobenzene	20.000	19.262	3.7	85	0.00
84 M	1,4-Dichlorobenzene	20.000	18.885	5.6	86	0.00
85	n-Butylbenzene	20.000	16.925	15.4	79	0.00
86 T	Hexachloroethane	20.000	18.093	9.5	81	0.00
87 M	1,2-Dichlorobenzene	20.000	19.494	2.5	87	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.077	9.6	81	0.00
89	1,2,4-Trichlorobenzene	20.000	17.715	11.4	82	0.00
90	Hexachlorobutadiene	20.000	17.119	14.4	80	0.00
91 M	Naphthalene	20.000	16.023	19.9	74	0.00
92	1,2,3-Trichlorobenzene	20.000	17.715	11.4	82	0.00

(#) = Out of Range

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