

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
 Data File : VN085284.D
 Acq On : 20 Dec 2024 16:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 21 02:25:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	19.756	1.2	88	0.00
3 M	Chloromethane	20.000	19.386	3.1	88	0.00
4 M	Vinyl Chloride	20.000	18.279	8.6	84	0.00
5 M	Bromomethane	20.000	18.170	9.1	86	0.00
6 M	Chloroethane	20.000	19.415	2.9	88	0.00
7 M	Trichlorofluoromethane	20.000	18.981	5.1	87	0.00
8 T	Diethyl Ether	20.000	17.614	11.9	86	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.830	5.9	86	0.00
10 M	1,1-Dichloroethene	20.000	18.142	9.3	86	0.00
11	Methyl Iodide	20.000	17.649	11.8	86	0.00
12	Methyl Acetate	20.000	17.825	10.9	82	0.00
13 M	Acrolein	100.000	105.829	-5.8	112	0.00
14 M	Acrylonitrile	100.000	87.817	12.2	82	0.00
15 M	Acetone	100.000	89.083	10.9	82	0.00
16 M	Carbon Disulfide	20.000	17.925	10.4	83	0.00
17	Allyl chloride	20.000	18.118	9.4	87	0.00
18 M	Methylene Chloride	20.000	18.489	7.6	85	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.677	6.6	88	0.00
20 T	Diisopropyl ether	20.000	18.462	7.7	85	0.00
21 M	1,1-Dichloroethane	20.000	18.446	7.8	85	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.700	11.5	84	0.00
23 M	tert-Butyl Alcohol	100.000	85.000	15.0	84	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.334	8.3	87	0.00
25 M	Chloroform	20.000	18.548	7.3	85	0.00
26	Cyclohexane	20.000	18.096	9.5	86	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.294	-1.0	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	17.792	11.0	86	0.00
30 M	2-Butanone	100.000	85.005	15.0	82	0.00
31	2,2-Dichloropropane	20.000	17.687	11.6	84	0.00
32 M	1,1,1-Trichloroethane	20.000	17.300	13.5	82	0.00
33 M	Carbon Tetrachloride	20.000	18.111	9.4	87	0.00
34 M	Benzene	20.000	17.812	10.9	84	0.00
35	Methacrylonitrile	20.000	17.690	11.5	86	0.00
36 M	1,2-Dichloroethane	20.000	17.974	10.1	86	0.00
37 M	Trichloroethene	20.000	17.651	11.7	85	0.00
38	Methylcyclohexane	20.000	17.039	14.8	90	0.00
39 M	1,2-Dichloropropane	20.000	17.953	10.2	85	0.00
40	Dibromomethane	20.000	17.637	11.8	84	0.00
41 M	Bromodichloromethane	20.000	17.782	11.1	84	0.00
42 M	Vinyl Acetate	100.000	87.935	12.1	87	0.00
43	Ethyl Acetate	20.000	15.624	21.9	78	0.00
44	Isopropyl Acetate	20.000	17.896	10.5	87	0.00
45 T	1,4-Dioxane	400.000	343.146	14.2	83	0.00
46	Methyl methacrylate	20.000	16.824	15.9	82	0.00
47	n-amyl Acetate	20.000	16.937	15.3	85	0.00
48 M	t-1,3-Dichloropropene	20.000	17.160	14.2	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.299	13.5	85	0.00
50 M	1,1,2-Trichloroethane	20.000	17.854	10.7	83	0.00
51	Ethyl methacrylate	20.000	17.233	13.8	88	0.00
52	1,3-Dichloropropane	20.000	17.546	12.3	82	0.00
53 M	Dibromochloromethane	20.000	17.079	14.6	80	0.00
54 M	1,2-Dibromoethane	20.000	17.794	11.0	85	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.465	15.5	84	0.00
56 M	Bromoform	20.000	16.594	17.0	81	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	90.315	9.7	83	0.00
59 M	2-Hexanone	100.000	88.320	11.7	82	0.00
60 S	4-Bromofluorobenzene	30.000	30.294	-1.0	97	0.00
61 M	Tetrachloroethene	20.000	18.399	8.0	86	0.00
62 M	Toluene	20.000	18.248	8.8	85	0.00
63 S	Toluene-d8	30.000	29.816	0.6	93	0.00
64 M	Chlorobenzene	20.000	18.056	9.7	86	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.692	11.5	82	0.00
66 M	Ethyl Benzene	20.000	17.254	13.7	84	0.00
67 M	m/p-Xylenes	40.000	35.567	11.1	83	0.00
68 M	o-Xylene	20.000	17.370	13.1	84	0.00
69 M	Styrene	20.000	17.242	13.8	82	0.00
70	Isopropylbenzene	20.000	17.717	11.4	86	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.775	11.1	85	0.00
72	1,2,3-Trichloropropane	20.000	18.954	5.2	95	0.00
73	Bromobenzene	20.000	17.422	12.9	81	0.00
74	n-propylbenzene	20.000	17.507	12.5	84	0.00
75	2-Chlorotoluene	20.000	18.109	9.5	87	0.00
76	1,3,5-Trimethylbenzene	20.000	17.907	10.5	85	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.584	17.1	85	0.00
78	4-Chlorotoluene	20.000	17.686	11.6	85	0.00
79	tert-butylbenzene	20.000	17.330	13.4	87	0.00
80	1,2,4-Trimethylbenzene	20.000	17.873	10.6	85	0.00
81	sec-Butylbenzene	20.000	17.414	12.9	86	0.00
82	p-Isopropyltoluene	20.000	17.375	13.1	88	0.00
83 M	1,3-Dichlorobenzene	20.000	17.875	10.6	85	0.00
84 M	1,4-Dichlorobenzene	20.000	17.987	10.1	89	0.00
85	n-Butylbenzene	20.000	17.124	14.4	90	0.00
86 T	Hexachloroethane	20.000	16.990	15.1	80	0.00
87 M	1,2-Dichlorobenzene	20.000	17.768	11.2	85	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.271	13.6	84	0.00
89	1,2,4-Trichlorobenzene	20.000	17.541	12.3	89	0.00
90	Hexachlorobutadiene	20.000	17.633	11.8	86	0.00
91 M	Naphthalene	20.000	16.185	19.1	87	0.00
92	1,2,3-Trichlorobenzene	20.000	17.541	12.3	89	0.00

(#) = Out of Range

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