

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
 Data File : VN085399.D
 Acq On : 07 Jan 2025 15:58
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 08 05:18:44 2025
 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	19.153	4.2	86	0.00
3 M	Chloromethane	20.000	18.369	8.2	84	0.00
4 M	Vinyl Chloride	20.000	18.013	9.9	84	0.00
5 M	Bromomethane	20.000	16.606	17.0	80	0.00
6 M	Chloroethane	20.000	17.811	10.9	81	0.00
7 M	Trichlorofluoromethane	20.000	18.872	5.6	87	0.00
8 T	Diethyl Ether	20.000	17.235	13.8	84	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.153	4.2	88	0.00
10 M	1,1-Dichloroethene	20.000	18.519	7.4	89	0.00
11	Methyl Iodide	20.000	17.305	13.5	85	0.00
12	Methyl Acetate	20.000	17.340	13.3	81	0.00
13 M	Acrolein	100.000	63.526	36.5#	68	0.00
14 M	Acrylonitrile	100.000	74.281	25.7#	70	0.00
15 M	Acetone	100.000	73.609	26.4#	69	0.00
16 M	Carbon Disulfide	20.000	17.932	10.3	84	0.00
17	Allyl chloride	20.000	17.939	10.3	87	0.00
18 M	Methylene Chloride	20.000	18.101	9.5	84	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.825	5.9	89	0.00
20 T	Diisopropyl ether	20.000	18.271	8.6	85	0.00
21 M	1,1-Dichloroethane	20.000	18.669	6.7	87	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.805	6.0	90	0.00
23 M	tert-Butyl Alcohol	100.000	59.896	40.1#	60	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.630	11.9	84	-0.01
25 M	Chloroform	20.000	19.018	4.9	88	0.00
26	Cyclohexane	20.000	17.637	11.8	85	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.411	-1.4	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	18.401	8.0	91	0.00
30 M	2-Butanone	100.000	69.055	30.9#	68	0.00
31	2,2-Dichloropropane	20.000	18.334	8.3	90	0.00
32 M	1,1,1-Trichloroethane	20.000	17.795	11.0	87	0.00
33 M	Carbon Tetrachloride	20.000	17.975	10.1	88	0.00
34 M	Benzene	20.000	17.997	10.0	87	0.00
35	Methacrylonitrile	20.000	15.335	23.3	76	0.00
36 M	1,2-Dichloroethane	20.000	17.845	10.8	87	0.00
37 M	Trichloroethene	20.000	18.305	8.5	90	0.00
38	Methylcyclohexane	20.000	17.980	10.1	97	0.00
39 M	1,2-Dichloropropane	20.000	17.945	10.3	88	0.00
40	Dibromomethane	20.000	17.425	12.9	85	0.00
41 M	Bromodichloromethane	20.000	18.128	9.4	88	0.00
42 M	Vinyl Acetate	100.000	79.053	20.9	80	0.00
43	Ethyl Acetate	20.000	14.230	28.8#	73	0.00
44	Isopropyl Acetate	20.000	15.448	22.8	77	0.00
45 T	1,4-Dioxane	400.000	234.051	41.5#	58	0.00
46	Methyl methacrylate	20.000	15.406	23.0	77	-0.01
47	n-amyl Acetate	20.000	14.869	25.7#	76	0.00
48 M	t-1,3-Dichloropropene	20.000	16.943	15.3	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
 Data File : VN085399.D
 Acq On : 07 Jan 2025 15:58
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 08 05:18:44 2025
 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)
49 T	cis-1,3-Dichloropropene	20.000	17.443	12.8	88	0.00
50 M	1,1,2-Trichloroethane	20.000	17.615	11.9	84	0.00
51	Ethyl methacrylate	20.000	15.835	20.8	83	0.00
52	1,3-Dichloropropane	20.000	17.710	11.4	85	0.00
53 M	Dibromochloromethane	20.000	17.233	13.8	83	0.00
54 M	1,2-Dibromoethane	20.000	17.274	13.6	85	0.00
55 M	2-Chloroethyl vinyl ether	100.000	70.962	29.0#	72	0.00
56 M	Bromoform	20.000	15.395	23.0	77	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	74.520	25.5#	72	0.00
59 M	2-Hexanone	100.000	70.346	29.7#	68	0.00
60 S	4-Bromofluorobenzene	30.000	28.818	3.9	97	0.00
61 M	Tetrachloroethene	20.000	18.110	9.5	89	0.00
62 M	Toluene	20.000	18.111	9.4	88	0.00
63 S	Toluene-d8	30.000	29.831	0.6	97	0.00
64 M	Chlorobenzene	20.000	18.315	8.4	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.851	10.7	86	0.00
66 M	Ethyl Benzene	20.000	17.640	11.8	90	0.00
67 M	m/p-Xylenes	40.000	36.357	9.1	89	0.00
68 M	o-Xylene	20.000	17.704	11.5	89	0.00
69 M	Styrene	20.000	17.685	11.6	87	0.00
70	Isopropylbenzene	20.000	18.180	9.1	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	16.221	18.9	81	0.00
72	1,2,3-Trichloropropane	20.000	16.148	19.3	85	0.00
73	Bromobenzene	20.000	17.606	12.0	86	0.00
74	n-propylbenzene	20.000	17.729	11.4	89	0.00
75	2-Chlorotoluene	20.000	17.928	10.4	90	0.00
76	1,3,5-Trimethylbenzene	20.000	18.130	9.4	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	9.849	50.8#	53	0.00
78	4-Chlorotoluene	20.000	17.730	11.3	89	0.00
79	tert-butylbenzene	20.000	17.949	10.3	94	0.00
80	1,2,4-Trimethylbenzene	20.000	18.248	8.8	91	0.00
81	sec-Butylbenzene	20.000	18.016	9.9	93	0.00
82	p-Isopropyltoluene	20.000	17.901	10.5	95	0.00
83 M	1,3-Dichlorobenzene	20.000	17.807	11.0	88	0.00
84 M	1,4-Dichlorobenzene	20.000	17.923	10.4	93	0.00
85	n-Butylbenzene	20.000	18.031	9.8	99	0.00
86 T	Hexachloroethane	20.000	15.966	20.2	79	0.00
87 M	1,2-Dichlorobenzene	20.000	17.864	10.7	89	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	14.466	27.7#	73	0.00
89	1,2,4-Trichlorobenzene	20.000	17.232	13.8	91	0.00
90	Hexachlorobutadiene	20.000	17.341	13.3	88	0.00
91 M	Naphthalene	20.000	15.187	24.1	85	0.00
92	1,2,3-Trichlorobenzene	20.000	17.232	13.8	91	0.00

(#) = Out of Range

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