

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011025\
 Data File : VN085418.D
 Acq On : 10 Jan 2025 10:56
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 10 22:39:55 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	111	0.00
2 M	Dichlorodifluoromethane	20.000	19.669	1.7	104	0.00
3 M	Chloromethane	20.000	18.387	8.1	99	0.00
4 M	Vinyl Chloride	20.000	18.729	6.4	103	0.00
5 M	Bromomethane	20.000	19.409	3.0	109	0.00
6 M	Chloroethane	20.000	19.365	3.2	104	0.00
7 M	Trichlorofluoromethane	20.000	20.319	-1.6	110	0.00
8 T	Diethyl Ether	20.000	19.918	0.4	115	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.144	-5.7	114	0.00
10 M	1,1-Dichloroethene	20.000	19.639	1.8	111	0.00
11	Methyl Iodide	20.000	20.092	-0.5	117	0.00
12	Methyl Acetate	20.000	20.141	-0.7	110	0.00
13 M	Acrolein	100.000	100.968	-1.0	126	0.00
14 M	Acrylonitrile	100.000	86.217	13.8	96	0.00
15 M	Acetone	100.000	94.263	5.7	103	0.00
16 M	Carbon Disulfide	20.000	18.645	6.8	103	0.00
17	Allyl chloride	20.000	19.301	3.5	110	0.00
18 M	Methylene Chloride	20.000	19.546	2.3	107	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.086	-0.4	112	0.00
20 T	Diisopropyl ether	20.000	20.237	-1.2	110	0.00
21 M	1,1-Dichloroethane	20.000	20.150	-0.7	110	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.120	-0.6	113	0.00
23 M	tert-Butyl Alcohol	100.000	71.457	28.5#	83	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.810	1.0	111	-0.01
25 M	Chloroform	20.000	19.814	0.9	107	0.00
26	Cyclohexane	20.000	20.142	-0.7	114	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.265	2.4	108	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	119	0.00
29	1,1-Dichloropropene	20.000	19.399	3.0	114	0.00
30 M	2-Butanone	100.000	80.645	19.4	94	0.00
31	2,2-Dichloropropane	20.000	19.647	1.8	114	0.00
32 M	1,1,1-Trichloroethane	20.000	19.030	4.8	110	0.00
33 M	Carbon Tetrachloride	20.000	18.702	6.5	109	0.00
34 M	Benzene	20.000	18.970	5.2	109	0.00
35	Methacrylonitrile	20.000	17.107	14.5	101	0.00
36 M	1,2-Dichloroethane	20.000	19.126	4.4	111	0.00
37 M	Trichloroethene	20.000	19.343	3.3	113	0.00
38	Methylcyclohexane	20.000	18.783	6.1	120	0.00
39 M	1,2-Dichloropropane	20.000	18.635	6.8	108	0.00
40	Dibromomethane	20.000	18.382	8.1	106	0.00
41 M	Bromodichloromethane	20.000	18.665	6.7	107	0.00
42 M	Vinyl Acetate	100.000	86.656	13.3	104	0.00
43	Ethyl Acetate	20.000	16.978	15.1	103	0.00
44	Isopropyl Acetate	20.000	17.622	11.9	104	0.00
45 T	1,4-Dioxane	400.000	268.750	32.8#	79	0.00
46	Methyl methacrylate	20.000	16.885	15.6	100	0.00
47	n-amyl Acetate	20.000	15.146	24.3	92	0.00
48 M	t-1,3-Dichloropropene	20.000	18.167	9.2	109	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.006	5.0	113	0.00
50 M	1,1,2-Trichloroethane	20.000	19.170	4.1	108	0.00
51	Ethyl methacrylate	20.000	16.849	15.8	104	0.00
52	1,3-Dichloropropane	20.000	18.479	7.6	105	0.00
53 M	Dibromochloromethane	20.000	18.058	9.7	103	0.00
54 M	1,2-Dibromoethane	20.000	18.063	9.7	105	0.00
55 M	2-Chloroethyl vinyl ether	100.000	81.596	18.4	99	0.00
56 M	Bromoform	20.000	16.838	15.8	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	112	0.00
58 M	4-Methyl-2-Pentanone	100.000	86.957	13.0	93	0.00
59 M	2-Hexanone	100.000	82.589	17.4	89	0.00
60 S	4-Bromofluorobenzene	30.000	28.023	6.6	104	0.00
61 M	Tetrachloroethene	20.000	21.374	-6.9	117	0.00
62 M	Toluene	20.000	20.113	-0.6	109	0.00
63 S	Toluene-d8	30.000	29.411	2.0	107	0.00
64 M	Chlorobenzene	20.000	19.531	2.3	108	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.707	1.5	106	0.00
66 M	Ethyl Benzene	20.000	19.299	3.5	109	0.00
67 M	m/p-Xylenes	40.000	39.595	1.0	107	0.00
68 M	o-Xylene	20.000	19.070	4.6	107	0.00
69 M	Styrene	20.000	18.987	5.1	104	0.00
70	Isopropylbenzene	20.000	19.781	1.1	112	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.426	12.9	96	0.00
72	1,2,3-Trichloropropane	20.000	18.533	7.3	108	0.00
73	Bromobenzene	20.000	18.850	5.7	102	0.00
74	n-propylbenzene	20.000	19.123	4.4	107	0.00
75	2-Chlorotoluene	20.000	19.259	3.7	107	0.00
76	1,3,5-Trimethylbenzene	20.000	19.171	4.1	105	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.435	17.8	98	0.00
78	4-Chlorotoluene	20.000	18.801	6.0	105	0.00
79	tert-butylbenzene	20.000	19.356	3.2	112	0.00
80	1,2,4-Trimethylbenzene	20.000	19.650	1.8	109	0.00
81	sec-Butylbenzene	20.000	19.489	2.6	112	0.00
82	p-Isopropyltoluene	20.000	19.277	3.6	113	0.00
83 M	1,3-Dichlorobenzene	20.000	18.789	6.1	103	0.00
84 M	1,4-Dichlorobenzene	20.000	18.862	5.7	109	0.00
85	n-Butylbenzene	20.000	18.640	6.8	113	0.00
86 T	Hexachloroethane	20.000	18.706	6.5	102	0.00
87 M	1,2-Dichlorobenzene	20.000	18.718	6.4	104	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.276	13.6	97	0.00
89	1,2,4-Trichlorobenzene	20.000	19.254	3.7	113	0.00
90	Hexachlorobutadiene	20.000	19.449	2.8	110	0.00
91 M	Naphthalene	20.000	16.934	15.3	105	0.00
92	1,2,3-Trichlorobenzene	20.000	19.254	3.7	113	0.00

(#) = Out of Range

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