

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084504.D
 Acq On : 25 Oct 2024 10:04
 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 05:24:48 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	102	0.00
2 M	Dichlorodifluoromethane	20.000	18.295	8.5	89	0.00
3 M	Chloromethane	20.000	17.572	12.1	87	0.00
4 M	Vinyl Chloride	20.000	18.338	8.3	91	0.00
5 M	Bromomethane	20.000	17.561	12.2	86	0.00
6 M	Chloroethane	20.000	19.017	4.9	93	0.00
7 M	Trichlorofluoromethane	20.000	18.762	6.2	94	0.00
8 T	Diethyl Ether	20.000	18.804	6.0	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.897	0.5	101	0.01
10 M	1,1-Dichloroethene	20.000	18.358	8.2	96	0.00
11	Methyl Iodide	20.000	18.427	7.9	94	0.00
12	Methyl Acetate	20.000	21.239	-6.2	111	0.00
13 M	Acrolein	100.000	99.121	0.9	110	0.00
14 M	Acrylonitrile	100.000	90.663	9.3	91	0.00
15 M	Acetone	100.000	122.505	-22.5	132	0.00
16 M	Carbon Disulfide	20.000	16.656	16.7	83	0.00
17	Allyl chloride	20.000	18.433	7.8	92	0.00
18 M	Methylene Chloride	20.000	18.429	7.9	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.179	9.1	91	0.00
20 T	Diisopropyl ether	20.000	19.011	4.9	95	0.00
21 M	1,1-Dichloroethane	20.000	19.388	3.1	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.473	2.6	97	0.00
23 M	tert-Butyl Alcohol	100.000	90.279	9.7	93	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.105	4.5	97	-0.01
25 M	Chloroform	20.000	20.215	-1.1	100	0.00
26	Cyclohexane	20.000	17.645	11.8	86	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.960	0.1	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	18.137	9.3	94	0.00
30 M	2-Butanone	100.000	96.222	3.8	102	0.00
31	2,2-Dichloropropane	20.000	19.650	1.8	102	0.00
32 M	1,1,1-Trichloroethane	20.000	19.158	4.2	96	0.00
33 M	Carbon Tetrachloride	20.000	18.476	7.6	96	0.00
34 M	Benzene	20.000	18.712	6.4	96	0.00
35	Methacrylonitrile	20.000	18.205	9.0	96	0.00
36 M	1,2-Dichloroethane	20.000	18.977	5.1	97	0.00
37 M	Trichloroethene	20.000	18.875	5.6	95	0.00
38	Methylcyclohexane	20.000	17.975	10.1	97	0.00
39 M	1,2-Dichloropropane	20.000	18.758	6.2	95	0.00
40	Dibromomethane	20.000	18.841	5.8	98	0.00
41 M	Bromodichloromethane	20.000	18.785	6.1	97	0.00
42 M	Vinyl Acetate	100.000	88.329	11.7	94	0.00
43	Ethyl Acetate	20.000	17.008	15.0	89	0.00
44	Isopropyl Acetate	20.000	22.980	-14.9	120	0.00
45 T	1,4-Dioxane	400.000	352.143	12.0	97	0.00
46	Methyl methacrylate	20.000	17.177	14.1	90	0.00
47	n-amyl Acetate	20.000	17.750	11.3	94	0.00
48 M	t-1,3-Dichloropropene	20.000	18.475	7.6	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.697	6.5	95	0.00
50 M	1,1,2-Trichloroethane	20.000	18.979	5.1	98	0.00
51	Ethyl methacrylate	20.000	18.181	9.1	96	0.00
52	1,3-Dichloropropane	20.000	18.738	6.3	96	0.00
53 M	Dibromochloromethane	20.000	18.817	5.9	98	0.00
54 M	1,2-Dibromoethane	20.000	18.368	8.2	93	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.623	11.4	97	0.00
56 M	Bromoform	20.000	18.609	7.0	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.836	5.2	95	0.00
59 M	2-Hexanone	100.000	97.858	2.1	100	0.00
60 S	4-Bromofluorobenzene	30.000	30.944	-3.1	104	0.00
61 M	Tetrachloroethene	20.000	20.529	-2.6	102	0.00
62 M	Toluene	20.000	19.171	4.1	96	0.00
63 S	Toluene-d8	30.000	30.014	-0.0	100	0.00
64 M	Chlorobenzene	20.000	18.968	5.2	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.810	1.0	98	0.00
66 M	Ethyl Benzene	20.000	19.279	3.6	97	0.00
67 M	m/p-Xylenes	40.000	38.666	3.3	97	0.00
68 M	o-Xylene	20.000	18.914	5.4	95	0.00
69 M	Styrene	20.000	18.946	5.3	96	0.00
70	Isopropylbenzene	20.000	19.115	4.4	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.381	3.1	97	0.00
72	1,2,3-Trichloropropane	20.000	18.267	8.7	93	0.00
73	Bromobenzene	20.000	19.131	4.3	97	0.00
74	n-propylbenzene	20.000	19.531	2.3	98	0.00
75	2-Chlorotoluene	20.000	19.418	2.9	97	0.00
76	1,3,5-Trimethylbenzene	20.000	19.747	1.3	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.550	7.2	100	0.00
78	4-Chlorotoluene	20.000	19.368	3.2	98	0.00
79	tert-butylbenzene	20.000	19.464	2.7	99	0.00
80	1,2,4-Trimethylbenzene	20.000	19.081	4.6	97	0.00
81	sec-Butylbenzene	20.000	19.600	2.0	99	0.00
82	p-Isopropyltoluene	20.000	19.272	3.6	99	0.00
83 M	1,3-Dichlorobenzene	20.000	19.307	3.5	98	0.00
84 M	1,4-Dichlorobenzene	20.000	19.397	3.0	102	0.00
85	n-Butylbenzene	20.000	18.976	5.1	102	0.00
86 T	Hexachloroethane	20.000	18.728	6.4	96	0.00
87 M	1,2-Dichlorobenzene	20.000	19.962	0.2	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.430	2.9	100	0.00
89	1,2,4-Trichlorobenzene	20.000	18.348	8.3	97	0.00
90	Hexachlorobutadiene	20.000	19.749	1.3	106	0.00
91 M	Naphthalene	20.000	17.015	14.9	91	0.00
92	1,2,3-Trichlorobenzene	20.000	18.348	8.3	97	0.00

(#) = Out of Range

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