

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101824\
 Data File : VN084419.D
 Acq On : 18 Oct 2024 09:44
 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 03:46:47 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	18.606	7.0	82	0.00
3 M	Chloromethane	20.000	18.537	7.3	83	0.00
4 M	Vinyl Chloride	20.000	19.153	4.2	87	0.00
5 M	Bromomethane	20.000	18.456	7.7	82	0.00
6 M	Chloroethane	20.000	19.855	0.7	88	0.00
7 M	Trichlorofluoromethane	20.000	18.867	5.7	86	0.00
8 T	Diethyl Ether	20.000	16.974	15.1	78	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.005	-0.0	92	0.00
10 M	1,1-Dichloroethene	20.000	18.020	9.9	85	0.00
11	Methyl Iodide	20.000	18.036	9.8	83	0.00
12	Methyl Acetate	20.000	20.108	-0.5	95	0.00
13 M	Acrolein	100.000	70.823	29.2#	71	0.00
14 M	Acrylonitrile	100.000	91.120	8.9	83	0.00
15 M	Acetone	100.000	103.160	-3.2	100	0.00
16 M	Carbon Disulfide	20.000	17.352	13.2	78	0.00
17	Allyl chloride	20.000	17.645	11.8	80	0.00
18 M	Methylene Chloride	20.000	19.998	0.0	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.536	7.3	84	0.00
20 T	Diisopropyl ether	20.000	19.537	2.3	89	0.00
21 M	1,1-Dichloroethane	20.000	19.428	2.9	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.423	2.9	88	0.00
23 M	tert-Butyl Alcohol	100.000	80.638	19.4	75	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.273	8.6	84	0.00
25 M	Chloroform	20.000	20.035	-0.2	90	0.00
26	Cyclohexane	20.000	16.691	16.5	73	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.291	2.4	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	86	0.00
29	1,1-Dichloropropene	20.000	20.031	-0.2	86	0.00
30 M	2-Butanone	100.000	97.470	2.5	85	0.00
31	2,2-Dichloropropane	20.000	21.077	-5.4	91	0.00
32 M	1,1,1-Trichloroethane	20.000	20.669	-3.3	86	0.00
33 M	Carbon Tetrachloride	20.000	20.354	-1.8	87	0.00
34 M	Benzene	20.000	20.633	-3.2	87	0.00
35	Methacrylonitrile	20.000	19.185	4.1	84	0.00
36 M	1,2-Dichloroethane	20.000	20.924	-4.6	88	0.00
37 M	Trichloroethene	20.000	20.987	-4.9	87	0.00
38	Methylcyclohexane	20.000	17.876	10.6	80	0.00
39 M	1,2-Dichloropropane	20.000	20.519	-2.6	86	0.00
40	Dibromomethane	20.000	21.364	-6.8	91	0.00
41 M	Bromodichloromethane	20.000	20.766	-3.8	89	0.00
42 M	Vinyl Acetate	100.000	91.454	8.5	80	0.00
43	Ethyl Acetate	20.000	18.839	5.8	82	0.00
44	Isopropyl Acetate	20.000	19.137	4.3	83	0.00
45 T	1,4-Dioxane	400.000	383.135	4.2	87	0.00
46	Methyl methacrylate	20.000	17.900	10.5	78	0.00
47	n-amyl Acetate	20.000	18.341	8.3	80	0.00
48 M	t-1,3-Dichloropropene	20.000	19.479	2.6	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.167	-0.8	85	0.00
50 M	1,1,2-Trichloroethane	20.000	20.916	-4.6	89	0.00
51	Ethyl methacrylate	20.000	18.138	9.3	79	0.00
52	1,3-Dichloropropane	20.000	20.580	-2.9	87	0.00
53 M	Dibromochloromethane	20.000	20.308	-1.5	87	0.00
54 M	1,2-Dibromoethane	20.000	19.999	0.0	84	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.256	1.7	89	0.00
56 M	Bromoform	20.000	19.796	1.0	89	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	86	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.767	3.2	83	0.00
59 M	2-Hexanone	100.000	96.358	3.6	85	0.00
60 S	4-Bromofluorobenzene	30.000	30.681	-2.3	89	0.00
61 M	Tetrachloroethene	20.000	20.620	-3.1	88	0.00
62 M	Toluene	20.000	20.577	-2.9	88	0.00
63 S	Toluene-d8	30.000	30.802	-2.7	88	0.00
64 M	Chlorobenzene	20.000	20.104	-0.5	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.521	-2.6	88	0.00
66 M	Ethyl Benzene	20.000	19.555	2.2	85	0.00
67 M	m/p-Xylenes	40.000	40.365	-0.9	87	0.00
68 M	o-Xylene	20.000	19.773	1.1	86	0.00
69 M	Styrene	20.000	19.860	0.7	87	0.00
70	Isopropylbenzene	20.000	19.433	2.8	83	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.842	-4.2	90	0.00
72	1,2,3-Trichloropropane	20.000	22.976	-14.9	100	0.00
73	Bromobenzene	20.000	20.947	-4.7	91	0.00
74	n-propylbenzene	20.000	19.826	0.9	86	0.00
75	2-Chlorotoluene	20.000	20.210	-1.1	87	0.00
76	1,3,5-Trimethylbenzene	20.000	20.248	-1.2	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.925	10.4	83	0.00
78	4-Chlorotoluene	20.000	20.232	-1.2	88	0.00
79	tert-butylbenzene	20.000	18.526	7.4	81	0.00
80	1,2,4-Trimethylbenzene	20.000	20.132	-0.7	88	0.00
81	sec-Butylbenzene	20.000	19.776	1.1	86	0.00
82	p-Isopropyltoluene	20.000	19.452	2.7	86	0.00
83 M	1,3-Dichlorobenzene	20.000	20.757	-3.8	91	0.00
84 M	1,4-Dichlorobenzene	20.000	19.946	0.3	90	0.00
85	n-Butylbenzene	20.000	18.489	7.6	85	0.00
86 T	Hexachloroethane	20.000	20.157	-0.8	89	0.00
87 M	1,2-Dichlorobenzene	20.000	20.835	-4.2	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.013	-0.1	88	0.00
89	1,2,4-Trichlorobenzene	20.000	18.600	7.0	85	0.00
90	Hexachlorobutadiene	20.000	19.049	4.8	88	0.00
91 M	Naphthalene	20.000	16.038	19.8	73	0.00
92	1,2,3-Trichlorobenzene	20.000	18.600	7.0	85	0.00

(#) = Out of Range

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