

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084355.D
 Acq On : 08 Oct 2024 17:40
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 09 02:33:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:21:08 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	88	-0.01
2 M	Dichlorodifluoromethane	20.000	18.943	5.3	79	0.00
3 M	Chloromethane	20.000	19.397	3.0	83	0.00
4 M	Vinyl Chloride	20.000	19.569	2.2	84	0.00
5 M	Bromomethane	20.000	15.891	20.5	67	0.00
6 M	Chloroethane	20.000	18.745	6.3	79	0.00
7 M	Trichlorofluoromethane	20.000	19.272	3.6	83	0.00
8 T	Diethyl Ether	20.000	18.453	7.7	81	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.845	0.8	86	0.00
10 M	1,1-Dichloroethene	20.000	18.750	6.3	84	0.00
11	Methyl Iodide	20.000	12.617	36.9#	55	0.00
12	Methyl Acetate	20.000	17.364	13.2	78	0.00
13 M	Acrolein	100.000	90.677	9.3	86	0.00
14 M	Acrylonitrile	100.000	85.286	14.7	74	0.00
15 M	Acetone	100.000	98.996	1.0	91	0.00
16 M	Carbon Disulfide	20.000	18.286	8.6	78	0.01
17	Allyl chloride	20.000	18.128	9.4	78	0.00
18 M	Methylene Chloride	20.000	19.059	4.7	82	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.788	6.1	81	0.00
20 T	Diisopropyl ether	20.000	19.775	1.1	85	0.00
21 M	1,1-Dichloroethane	20.000	19.296	3.5	83	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.385	3.1	83	0.00
23 M	tert-Butyl Alcohol	100.000	74.143	25.9#	66	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.827	5.9	82	0.00
25 M	Chloroform	20.000	19.993	0.0	85	0.00
26	Cyclohexane	20.000	17.990	10.1	75	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.877	0.4	86	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	84	0.00
29	1,1-Dichloropropene	20.000	19.229	3.9	81	0.00
30 M	2-Butanone	100.000	88.219	11.8	76	0.00
31	2,2-Dichloropropane	20.000	20.246	-1.2	86	0.00
32 M	1,1,1-Trichloroethane	20.000	20.211	-1.1	83	0.00
33 M	Carbon Tetrachloride	20.000	19.926	0.4	84	0.00
34 M	Benzene	20.000	19.990	0.1	83	0.00
35	Methacrylonitrile	20.000	18.619	6.9	80	0.00
36 M	1,2-Dichloroethane	20.000	19.865	0.7	82	0.00
37 M	Trichloroethene	20.000	19.193	4.0	78	0.00
38	Methylcyclohexane	20.000	18.664	6.7	82	0.00
39 M	1,2-Dichloropropane	20.000	19.714	1.4	81	0.00
40	Dibromomethane	20.000	19.989	0.1	84	0.00
41 M	Bromodichloromethane	20.000	19.714	1.4	83	0.00
42 M	Vinyl Acetate	100.000	92.569	7.4	80	0.00
43	Ethyl Acetate	20.000	18.632	6.8	80	0.00
44	Isopropyl Acetate	20.000	18.774	6.1	80	0.00
45 T	1,4-Dioxane	400.000	338.358	15.4	76	0.00
46	Methyl methacrylate	20.000	18.198	9.0	78	0.00
47	n-amyl Acetate	20.000	18.292	8.5	78	0.00
48 M	t-1,3-Dichloropropene	20.000	18.771	6.1	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.527	2.4	81	0.00
50 M	1,1,2-Trichloroethane	20.000	19.918	0.4	84	0.00
51	Ethyl methacrylate	20.000	17.987	10.1	77	0.00
52	1,3-Dichloropropane	20.000	19.703	1.5	82	0.00
53 M	Dibromochloromethane	20.000	19.250	3.8	81	0.00
54 M	1,2-Dibromoethane	20.000	19.221	3.9	79	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.716	7.3	82	0.00
56 M	Bromoform	20.000	18.859	5.7	83	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.903	8.1	76	0.00
59 M	2-Hexanone	100.000	90.056	9.9	76	0.00
60 S	4-Bromofluorobenzene	30.000	29.600	1.3	82	0.00
61 M	Tetrachloroethene	20.000	19.450	2.8	80	0.00
62 M	Toluene	20.000	20.335	-1.7	84	0.00
63 S	Toluene-d8	30.000	30.742	-2.5	85	0.00
64 M	Chlorobenzene	20.000	19.687	1.6	82	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.212	-1.1	83	0.00
66 M	Ethyl Benzene	20.000	19.106	4.5	80	0.00
67 M	m/p-Xylenes	40.000	39.605	1.0	82	0.00
68 M	o-Xylene	20.000	19.150	4.3	80	0.00
69 M	Styrene	20.000	19.314	3.4	81	0.00
70	Isopropylbenzene	20.000	18.927	5.4	78	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.704	1.5	82	0.00
72	1,2,3-Trichloropropane	20.000	18.433	7.8	77	0.00
73	Bromobenzene	20.000	19.655	1.7	82	0.00
74	n-propylbenzene	20.000	19.202	4.0	80	0.00
75	2-Chlorotoluene	20.000	19.641	1.8	81	0.00
76	1,3,5-Trimethylbenzene	20.000	19.514	2.4	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.164	14.2	77	0.00
78	4-Chlorotoluene	20.000	19.450	2.8	82	0.00
79	tert-butylbenzene	20.000	18.951	5.2	80	0.00
80	1,2,4-Trimethylbenzene	20.000	19.408	3.0	82	0.00
81	sec-Butylbenzene	20.000	19.234	3.8	80	0.00
82	p-Isopropyltoluene	20.000	18.560	7.2	79	0.00
83 M	1,3-Dichlorobenzene	20.000	19.297	3.5	81	0.00
84 M	1,4-Dichlorobenzene	20.000	18.542	7.3	80	0.00
85	n-Butylbenzene	20.000	17.816	10.9	79	0.00
86 T	Hexachloroethane	20.000	19.002	5.0	81	0.00
87 M	1,2-Dichlorobenzene	20.000	19.082	4.6	81	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.430	12.9	74	0.00
89	1,2,4-Trichlorobenzene	20.000	16.461	17.7	72	0.00
90	Hexachlorobutadiene	20.000	16.938	15.3	76	0.00
91 M	Naphthalene	20.000	15.612	21.9	69	0.00
92	1,2,3-Trichlorobenzene	20.000	16.461	17.7	72	0.00

(#) = Out of Range

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