

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081693.D
 Acq On : 11 Apr 2024 12:28
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 12 05:59:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 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	82	0.00
2 M	Dichlorodifluoromethane	20.000	18.592	7.0	76	0.00
3 M	Chloromethane	20.000	24.781	-23.9	98	0.00
4 M	Vinyl Chloride	20.000	20.087	-0.4	88	0.00
5 M	Bromomethane	20.000	20.667	-3.3	80	0.00
6 M	Chloroethane	20.000	23.947	-19.7	103	0.00
7 M	Trichlorofluoromethane	20.000	23.483	-17.4	78	0.00
8 T	Diethyl Ether	20.000	18.755	6.2	73	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.008	-0.0	79	0.00
10 M	1,1-Dichloroethene	20.000	19.523	2.4	76	0.00
11	Methyl Iodide	20.000	17.642	11.8	89	0.00
12	Methyl Acetate	20.000	21.585	-7.9	89	0.00
13 M	Acrolein	100.000	108.015	-8.0	96	0.00
14 M	Acrylonitrile	100.000	107.167	-7.2	87	0.00
15 M	Acetone	100.000	105.357	-5.4	85	0.01
16 M	Carbon Disulfide	20.000	19.165	4.2	77	0.00
17	Allyl chloride	20.000	18.554	7.2	74	0.00
18 M	Methylene Chloride	20.000	20.717	-3.6	83	-0.01
19 M	trans-1,2-Dichloroethene	20.000	19.775	1.1	77	0.00
20 T	Diisopropyl ether	20.000	20.348	-1.7	79	0.00
21 M	1,1-Dichloroethane	20.000	20.697	-3.5	82	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.848	5.8	75	0.00
23 M	tert-Butyl Alcohol	100.000	108.626	-8.6	84	0.01
24 M	Methyl tert-Butyl Ether	20.000	19.980	0.1	79	0.00
25 M	Chloroform	20.000	21.057	-5.3	83	0.00
26	Cyclohexane	20.000	18.870	5.6	77	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.299	-11.0	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	76	0.00
29	1,1-Dichloropropene	20.000	20.619	-3.1	82	0.00
30 M	2-Butanone	100.000	113.885	-13.9	90	0.00
31	2,2-Dichloropropane	20.000	20.958	-4.8	80	0.00
32 M	1,1,1-Trichloroethane	20.000	21.122	-5.6	82	0.00
33 M	Carbon Tetrachloride	20.000	20.913	-4.6	83	0.00
34 M	Benzene	20.000	21.050	-5.3	84	0.00
35	Methacrylonitrile	20.000	22.376	-11.9	88	0.00
36 M	1,2-Dichloroethane	20.000	21.751	-8.8	87	0.00
37 M	Trichloroethene	20.000	20.043	-0.2	82	0.00
38	Methylcyclohexane	20.000	18.228	8.9	72	0.00
39 M	1,2-Dichloropropane	20.000	21.645	-8.2	86	0.00
40	Dibromomethane	20.000	20.801	-4.0	80	0.00
41 M	Bromodichloromethane	20.000	21.149	-5.7	84	0.00
42 M	Vinyl Acetate	100.000	104.994	-5.0	82	0.00
43	Ethyl Acetate	20.000	21.294	-6.5	88	0.00
44	Isopropyl Acetate	20.000	21.703	-8.5	89	0.00
45 T	1,4-Dioxane	400.000	463.390	-15.8	90	0.00
46	Methyl methacrylate	20.000	20.632	-3.2	84	0.00
47	n-amyl Acetate	20.000	20.456	-2.3	85	0.00
48 M	t-1,3-Dichloropropene	20.000	20.273	-1.4	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.372	-1.9	81	0.00
50 M	1,1,2-Trichloroethane	20.000	20.698	-3.5	82	0.00
51	Ethyl methacrylate	20.000	19.278	3.6	77	0.00
52	1,3-Dichloropropane	20.000	20.975	-4.9	82	0.00
53 M	Dibromochloromethane	20.000	20.274	-1.4	80	0.00
54 M	1,2-Dibromoethane	20.000	21.333	-6.7	84	0.00
55 M	2-Chloroethyl vinyl ether	100.000	108.117	-8.1	89	0.00
56 M	Bromoform	20.000	21.066	-5.3	85	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	80	0.00
58 M	4-Methyl-2-Pentanone	100.000	112.410	-12.4	91	0.00
59 M	2-Hexanone	100.000	115.578	-15.6	95	0.00
60 S	4-Bromofluorobenzene	30.000	31.334	-4.4	84	0.00
61 M	Tetrachloroethene	20.000	19.557	2.2	80	0.00
62 M	Toluene	20.000	20.354	-1.8	82	0.00
63 S	Toluene-d8	30.000	31.056	-3.5	81	0.00
64 M	Chlorobenzene	20.000	19.674	1.6	79	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.262	-1.3	80	0.00
66 M	Ethyl Benzene	20.000	19.458	2.7	78	0.00
67 M	m/p-Xylenes	40.000	39.483	1.3	78	0.00
68 M	o-Xylene	20.000	19.087	4.6	77	0.00
69 M	Styrene	20.000	19.636	1.8	79	0.00
70	Isopropylbenzene	20.000	19.543	2.3	78	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.090	-10.4	88	0.00
72	1,2,3-Trichloropropane	20.000	24.025	-20.1	93	0.00
73	Bromobenzene	20.000	20.339	-1.7	82	0.00
74	n-propylbenzene	20.000	19.820	0.9	81	0.00
75	2-Chlorotoluene	20.000	20.507	-2.5	82	0.00
76	1,3,5-Trimethylbenzene	20.000	20.183	-0.9	80	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.357	-1.8	84	0.00
78	4-Chlorotoluene	20.000	21.142	-5.7	84	0.00
79	tert-butylbenzene	20.000	19.662	1.7	79	0.00
80	1,2,4-Trimethylbenzene	20.000	20.294	-1.5	81	0.00
81	sec-Butylbenzene	20.000	20.020	-0.1	81	0.00
82	p-Isopropyltoluene	20.000	19.797	1.0	80	0.00
83 M	1,3-Dichlorobenzene	20.000	21.748	-8.7	88	0.00
84 M	1,4-Dichlorobenzene	20.000	21.352	-6.8	84	0.00
85	n-Butylbenzene	20.000	19.739	1.3	81	0.00
86 T	Hexachloroethane	20.000	20.646	-3.2	85	0.00
87 M	1,2-Dichlorobenzene	20.000	22.018	-10.1	87	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	23.323	-16.6	100	0.00
89	1,2,4-Trichlorobenzene	20.000	19.727	1.4	80	0.00
90	Hexachlorobutadiene	20.000	22.190	-11.0	91	0.00
91 M	Naphthalene	20.000	19.827	0.9	86	0.00
92	1,2,3-Trichlorobenzene	20.000	19.727	1.4	80	0.00

(#) = Out of Range

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