

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074889.D
 Acq On : 12 Oct 2022 21:10
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 13 08:04:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	19.573	2.1	91	0.00
3 M	Chloromethane	20.000	21.021	-5.1	95	0.00
4 M	Vinyl Chloride	20.000	20.123	-0.6	88	0.00
5 M	Bromomethane	20.000	19.376	3.1	89	0.01
6 M	Chloroethane	20.000	19.625	1.9	81	0.01
7 M	Trichlorofluoromethane	20.000	20.984	-4.9	95	0.00
8 T	Diethyl Ether	20.000	21.743	-8.7	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.139	-5.7	96	0.01
10 M	1,1-Dichloroethene	20.000	20.755	-3.8	99	0.00
11	Methyl Iodide	20.000	19.520	2.4	90	0.00
12	Methyl Acetate	20.000	19.399	3.0	91	0.00
13 M	Acrolein	100.000	103.612	-3.6	99	0.00
14 M	Acrylonitrile	100.000	102.595	-2.6	95	0.00
15 M	Acetone	100.000	101.284	-1.3	94	0.00
16 M	Carbon Disulfide	20.000	19.242	3.8	90	0.00
17	Allyl chloride	20.000	18.889	5.6	81	0.00
18 M	Methylene Chloride	20.000	20.398	-2.0	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.210	3.9	92	0.00
20 T	Diisopropyl ether	20.000	20.313	-1.6	97	0.00
21 M	1,1-Dichloroethane	20.000	19.853	0.7	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.462	-2.3	97	0.00
23 M	tert-Butyl Alcohol	100.000	93.117	6.9	88	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.126	-0.6	96	0.00
25 M	Chloroform	20.000	19.889	0.6	98	0.00
26	Cyclohexane	20.000	19.160	4.2	90	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.148	-3.8	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	19.409	3.0	94	0.00
30 M	2-Butanone	100.000	97.119	2.9	90	0.00
31	2,2-Dichloropropane	20.000	17.382	13.1	84	0.00
32 M	1,1,1-Trichloroethane	20.000	19.064	4.7	90	0.00
33 M	Carbon Tetrachloride	20.000	19.852	0.7	92	0.00
34 M	Benzene	20.000	19.997	0.0	93	0.00
35	Methacrylonitrile	20.000	17.621	11.9	81	0.00
36 M	1,2-Dichloroethane	20.000	20.616	-3.1	98	0.00
37 M	Trichloroethene	20.000	19.577	2.1	94	0.00
38	Methylcyclohexane	20.000	19.192	4.0	95	0.00
39 M	1,2-Dichloropropane	20.000	20.750	-3.8	95	0.00
40	Dibromomethane	20.000	20.781	-3.9	99	0.00
41 M	Bromodichloromethane	20.000	20.342	-1.7	96	0.00
42 M	Vinyl Acetate	100.000	105.197	-5.2	96	0.00
43	Ethyl Acetate	20.000	20.767	-3.8	101	0.00
44	Isopropyl Acetate	20.000	20.366	-1.8	97	0.00
45 T	1,4-Dioxane	400.000	376.325	5.9	87	0.00
46	Methyl methacrylate	20.000	19.728	1.4	93	0.00
47	n-amyl Acetate	20.000	19.510	2.4	97	0.00
48 M	t-1,3-Dichloropropene	20.000	19.045	4.8	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.764	6.2	94	0.00
50 M	1,1,2-Trichloroethane	20.000	18.889	5.6	89	0.00
51	Ethyl methacrylate	20.000	19.154	4.2	96	0.00
52	1,3-Dichloropropane	20.000	19.931	0.3	91	0.00
53 M	Dibromochloromethane	20.000	18.968	5.2	91	0.00
54 M	1,2-Dibromoethane	20.000	20.682	-3.4	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	86.071	13.9	88	0.00
56 M	Bromoform	20.000	17.477	12.6	94	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.468	0.5	94	0.00
59 M	2-Hexanone	100.000	97.228	2.8	91	0.00
60 S	4-Bromofluorobenzene	30.000	26.696	11.0	93	0.00
61 M	Tetrachloroethene	20.000	18.313	8.4	88	0.00
62 M	Toluene	20.000	19.682	1.6	93	0.00
63 S	Toluene-d8	30.000	29.685	1.1	96	0.00
64 M	Chlorobenzene	20.000	19.299	3.5	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.191	4.0	93	0.00
66 M	Ethyl Benzene	20.000	19.482	2.6	95	0.00
67 M	m/p-Xylenes	40.000	39.108	2.2	95	0.00
68 M	o-Xylene	20.000	19.263	3.7	95	0.00
69 M	Styrene	20.000	18.538	7.3	95	0.00
70	Isopropylbenzene	20.000	19.185	4.1	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.254	-1.3	98	0.00
72	1,2,3-Trichloropropane	20.000	17.104	14.5	80	0.00
73	Bromobenzene	20.000	20.169	-0.8	98	0.00
74	n-propylbenzene	20.000	18.647	6.8	94	0.00
75	2-Chlorotoluene	20.000	18.662	6.7	93	0.00
76	1,3,5-Trimethylbenzene	20.000	19.218	3.9	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.896	20.5	83	0.00
78	4-Chlorotoluene	20.000	18.829	5.9	97	0.00
79	tert-butylbenzene	20.000	19.025	4.9	97	0.00
80	1,2,4-Trimethylbenzene	20.000	18.349	8.3	94	0.00
81	sec-Butylbenzene	20.000	18.234	8.8	93	0.00
82	p-Isopropyltoluene	20.000	18.343	8.3	95	0.00
83 M	1,3-Dichlorobenzene	20.000	17.669	11.7	91	0.00
84 M	1,4-Dichlorobenzene	20.000	18.686	6.6	96	0.00
85	n-Butylbenzene	20.000	17.002	15.0	90	0.00
86 T	Hexachloroethane	20.000	19.204	4.0	94	0.00
87 M	1,2-Dichlorobenzene	20.000	18.361	8.2	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.038	9.8	92	0.00
89	1,2,4-Trichlorobenzene	20.000	16.976	15.1	91	0.00
90	Hexachlorobutadiene	20.000	16.344	18.3	85	0.00
91 M	Naphthalene	20.000	19.158	4.2	104	0.00
92	1,2,3-Trichlorobenzene	20.000	17.997	10.0	92	0.00

(#) = Out of Range

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