

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083545.D
 Acq On : 28 Aug 2024 18:57
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 29 00:54:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 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	91	0.00
2 M	Dichlorodifluoromethane	20.000	20.036	-0.2	99	0.00
3 M	Chloromethane	20.000	20.265	-1.3	102	0.00
4 M	Vinyl Chloride	20.000	19.618	1.9	98	0.00
5 M	Bromomethane	20.000	17.982	10.1	92	-0.02
6 M	Chloroethane	20.000	19.793	1.0	95	-0.04
7 M	Trichlorofluoromethane	20.000	19.782	1.1	98	-0.02
8 T	Diethyl Ether	20.000	19.848	0.8	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.346	3.3	97	0.00
10 M	1,1-Dichloroethene	20.000	19.077	4.6	96	-0.01
11	Methyl Iodide	20.000	16.907	15.5	83	-0.01
12	Methyl Acetate	20.000	23.551	-17.8	113	0.00
13 M	Acrolein	100.000	89.820	10.2	89	0.01
14 M	Acrylonitrile	100.000	106.134	-6.1	105	0.00
15 M	Acetone	100.000	86.570	13.4	92	0.00
16 M	Carbon Disulfide	20.000	18.504	7.5	93	-0.01
17	Allyl chloride	20.000	19.827	0.9	101	0.00
18 M	Methylene Chloride	20.000	20.384	-1.9	103	-0.01
19 M	trans-1,2-Dichloroethene	20.000	19.453	2.7	97	0.00
20 T	Diisopropyl ether	20.000	20.593	-3.0	104	0.00
21 M	1,1-Dichloroethane	20.000	20.289	-1.4	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.347	3.3	96	0.00
23 M	tert-Butyl Alcohol	100.000	114.322	-14.3	110	0.02
24 M	Methyl tert-Butyl Ether	20.000	20.234	-1.2	100	0.00
25 M	Chloroform	20.000	19.903	0.5	99	0.00
26	Cyclohexane	20.000	19.778	1.1	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.337	-1.1	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29	1,1-Dichloropropene	20.000	19.670	1.6	98	0.00
30 M	2-Butanone	100.000	101.204	-1.2	102	0.00
31	2,2-Dichloropropane	20.000	17.770	11.2	89	0.00
32 M	1,1,1-Trichloroethane	20.000	20.613	-3.1	101	0.00
33 M	Carbon Tetrachloride	20.000	19.576	2.1	98	0.00
34 M	Benzene	20.000	20.092	-0.5	100	0.00
35	Methacrylonitrile	20.000	20.438	-2.2	103	0.00
36 M	1,2-Dichloroethane	20.000	20.269	-1.3	99	0.00
37 M	Trichloroethene	20.000	20.063	-0.3	101	0.00
38	Methylcyclohexane	20.000	18.873	5.6	95	0.00
39 M	1,2-Dichloropropane	20.000	20.376	-1.9	100	0.00
40	Dibromomethane	20.000	20.257	-1.3	100	0.00
41 M	Bromodichloromethane	20.000	20.041	-0.2	99	0.00
42 M	Vinyl Acetate	100.000	96.223	3.8	96	0.00
43	Ethyl Acetate	20.000	21.331	-6.7	118	0.00
44	Isopropyl Acetate	20.000	24.790	-23.9	118	0.00
45 T	1,4-Dioxane	400.000	437.635	-9.4	106	0.00
46	Methyl methacrylate	20.000	21.916	-9.6	109	0.00
47	n-amyl Acetate	20.000	20.641	-3.2	107	0.00
48 M	t-1,3-Dichloropropene	20.000	18.868	5.7	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.425	2.9	97	0.00
50 M	1,1,2-Trichloroethane	20.000	20.762	-3.8	102	0.00
51	Ethyl methacrylate	20.000	20.261	-1.3	102	0.00
52	1,3-Dichloropropane	20.000	20.645	-3.2	101	0.00
53 M	Dibromochloromethane	20.000	19.749	1.3	98	0.00
54 M	1,2-Dibromoethane	20.000	20.117	-0.6	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.942	-6.9	98	0.00
56 M	Bromoform	20.000	19.838	0.8	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	110.835	-10.8	107	0.00
59 M	2-Hexanone	100.000	110.179	-10.2	109	0.00
60 S	4-Bromofluorobenzene	30.000	29.968	0.1	93	0.00
61 M	Tetrachloroethene	20.000	22.300	-11.5	111	0.00
62 M	Toluene	20.000	19.785	1.1	99	0.00
63 S	Toluene-d8	30.000	29.926	0.2	91	0.00
64 M	Chlorobenzene	20.000	19.959	0.2	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.139	-0.7	99	0.00
66 M	Ethyl Benzene	20.000	19.622	1.9	99	0.00
67 M	m/p-Xylenes	40.000	39.060	2.3	98	0.00
68 M	o-Xylene	20.000	20.392	-2.0	102	0.00
69 M	Styrene	20.000	19.534	2.3	98	0.00
70	Isopropylbenzene	20.000	19.936	0.3	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.345	-6.7	105	0.00
72	1,2,3-Trichloropropane	20.000	18.879	5.6	91	0.00
73	Bromobenzene	20.000	20.202	-1.0	100	0.00
74	n-propylbenzene	20.000	19.332	3.3	99	0.00
75	2-Chlorotoluene	20.000	19.793	1.0	99	0.00
76	1,3,5-Trimethylbenzene	20.000	20.256	-1.3	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.971	5.1	98	0.00
78	4-Chlorotoluene	20.000	19.246	3.8	96	0.00
79	tert-butylbenzene	20.000	20.103	-0.5	100	0.00
80	1,2,4-Trimethylbenzene	20.000	19.932	0.3	101	0.00
81	sec-Butylbenzene	20.000	19.783	1.1	101	0.00
82	p-Isopropyltoluene	20.000	19.273	3.6	99	0.00
83 M	1,3-Dichlorobenzene	20.000	18.364	8.2	91	0.00
84 M	1,4-Dichlorobenzene	20.000	18.707	6.5	94	0.00
85	n-Butylbenzene	20.000	18.110	9.5	94	0.00
86 T	Hexachloroethane	20.000	19.130	4.4	96	0.00
87 M	1,2-Dichlorobenzene	20.000	19.980	0.1	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.868	-9.3	104	0.00
89	1,2,4-Trichlorobenzene	20.000	18.709	6.5	96	0.00
90	Hexachlorobutadiene	20.000	18.864	5.7	97	0.00
91 M	Naphthalene	20.000	20.469	-2.3	102	0.00
92	1,2,3-Trichlorobenzene	20.000	18.709	6.5	96	0.00

(#) = Out of Range

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