

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050724\
 Data File : VN082022.D
 Acq On : 07 May 2024 16:28
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 08 08:00:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 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	73	0.00
2 M	Dichlorodifluoromethane	20.000	19.329	3.4	71	0.00
3 M	Chloromethane	20.000	19.535	2.3	73	0.00
4 M	Vinyl Chloride	20.000	21.574	-7.9	82	0.00
5 M	Bromomethane	20.000	19.582	2.1	71	0.00
6 M	Chloroethane	20.000	22.999	-15.0	83	0.00
7 M	Trichlorofluoromethane	20.000	18.854	5.7	69	0.00
8 T	Diethyl Ether	20.000	19.411	2.9	70	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.088	4.6	69	0.00
10 M	1,1-Dichloroethene	20.000	19.989	0.1	75	0.00
11	Methyl Iodide	20.000	17.867	10.7	75	0.00
12	Methyl Acetate	20.000	22.848	-14.2	86	0.00
13 M	Acrolein	100.000	74.145	25.9#	57	0.00
14 M	Acrylonitrile	100.000	107.484	-7.5	79	0.00
15 M	Acetone	100.000	114.071	-14.1	81	0.00
16 M	Carbon Disulfide	20.000	18.020	9.9	69	0.00
17	Allyl chloride	20.000	20.989	-4.9	75	0.00
18 M	Methylene Chloride	20.000	20.464	-2.3	78	-0.01
19 M	trans-1,2-Dichloroethene	20.000	19.620	1.9	76	-0.01
20 T	Diisopropyl ether	20.000	20.747	-3.7	77	0.00
21 M	1,1-Dichloroethane	20.000	21.527	-7.6	78	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.023	-5.1	79	0.00
23 M	tert-Butyl Alcohol	100.000	96.496	3.5	68	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.063	-0.3	72	0.00
25 M	Chloroform	20.000	20.449	-2.2	75	0.00
26	Cyclohexane	20.000	19.813	0.9	75	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.917	-6.4	79	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	76	0.00
29	1,1-Dichloropropene	20.000	19.513	2.4	75	0.00
30 M	2-Butanone	100.000	103.278	-3.3	77	0.00
31	2,2-Dichloropropane	20.000	24.301	-21.5	95	0.00
32 M	1,1,1-Trichloroethane	20.000	19.207	4.0	73	0.00
33 M	Carbon Tetrachloride	20.000	18.956	5.2	72	0.00
34 M	Benzene	20.000	19.912	0.4	75	0.00
35	Methacrylonitrile	20.000	17.749	11.3	69	0.00
36 M	1,2-Dichloroethane	20.000	19.188	4.1	74	0.00
37 M	Trichloroethene	20.000	16.373	18.1	63	0.00
38	Methylcyclohexane	20.000	20.258	-1.3	77	0.00
39 M	1,2-Dichloropropane	20.000	20.900	-4.5	83	0.00
40	Dibromomethane	20.000	19.702	1.5	77	0.00
41 M	Bromodichloromethane	20.000	19.122	4.4	75	0.00
42 M	Vinyl Acetate	100.000	96.448	3.6	75	0.00
43	Ethyl Acetate	20.000	19.684	1.6	77	0.00
44	Isopropyl Acetate	20.000	19.777	1.1	76	0.00
45 T	1,4-Dioxane	400.000	398.750	0.3	76	0.00
46	Methyl methacrylate	20.000	20.212	-1.1	78	0.00
47	n-amyl Acetate	20.000	19.367	3.2	76	0.00
48 M	t-1,3-Dichloropropene	20.000	19.209	4.0	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.230	-1.2	78	0.00
50 M	1,1,2-Trichloroethane	20.000	19.709	1.5	75	0.00
51	Ethyl methacrylate	20.000	18.883	5.6	73	0.00
52	1,3-Dichloropropane	20.000	20.426	-2.1	79	0.00
53 M	Dibromochloromethane	20.000	19.117	4.4	76	0.00
54 M	1,2-Dibromoethane	20.000	19.334	3.3	74	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.765	6.2	71	0.00
56 M	Bromoform	20.000	16.547	17.3	64	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	79	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.312	0.7	77	0.00
59 M	2-Hexanone	100.000	100.075	-0.1	78	0.00
60 S	4-Bromofluorobenzene	30.000	28.111	6.3	76	0.00
61 M	Tetrachloroethene	20.000	16.648	16.8	63	0.00
62 M	Toluene	20.000	19.081	4.6	75	0.00
63 S	Toluene-d8	30.000	29.834	0.6	78	0.00
64 M	Chlorobenzene	20.000	19.035	4.8	74	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.702	6.5	73	0.00
66 M	Ethyl Benzene	20.000	19.781	1.1	76	0.00
67 M	m/p-Xylenes	40.000	38.614	3.5	75	0.00
68 M	o-Xylene	20.000	18.510	7.4	71	0.00
69 M	Styrene	20.000	18.901	5.5	75	0.00
70	Isopropylbenzene	20.000	18.855	5.7	73	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.121	-0.6	76	0.00
72	1,2,3-Trichloropropane	20.000	19.511	2.4	78	0.00
73	Bromobenzene	20.000	18.577	7.1	75	0.00
74	n-propylbenzene	20.000	20.185	-0.9	78	0.00
75	2-Chlorotoluene	20.000	19.055	4.7	75	0.00
76	1,3,5-Trimethylbenzene	20.000	18.976	5.1	73	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.303	3.5	77	0.00
78	4-Chlorotoluene	20.000	19.055	4.7	76	0.00
79	tert-butylbenzene	20.000	18.469	7.7	71	0.00
80	1,2,4-Trimethylbenzene	20.000	19.443	2.8	77	0.00
81	sec-Butylbenzene	20.000	19.737	1.3	78	0.00
82	p-Isopropyltoluene	20.000	19.608	2.0	75	0.00
83 M	1,3-Dichlorobenzene	20.000	18.300	8.5	70	0.00
84 M	1,4-Dichlorobenzene	20.000	18.503	7.5	72	0.00
85	n-Butylbenzene	20.000	20.560	-2.8	82	0.00
86 T	Hexachloroethane	20.000	18.294	8.5	71	0.00
87 M	1,2-Dichlorobenzene	20.000	18.823	5.9	74	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.690	16.5	62	0.00
89	1,2,4-Trichlorobenzene	20.000	17.345	13.3	69	0.00
90	Hexachlorobutadiene	20.000	16.624	16.9	69	0.00
91 M	Naphthalene	20.000	17.521	12.4	68	0.00
92	1,2,3-Trichlorobenzene	20.000	17.345	13.3	69	0.00

(#) = Out of Range

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