

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082087.D
 Acq On : 13 May 2024 10:23
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 14 11:34:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 14 11:29:16 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	64	0.00
2 M	Dichlorodifluoromethane	20.000	17.893	10.5	57	0.00
3 M	Chloromethane	20.000	20.118	-0.6	66	0.00
4 M	Vinyl Chloride	20.000	20.522	-2.6	68	0.00
5 M	Bromomethane	20.000	20.855	-4.3	66	0.05
6 M	Chloroethane	20.000	23.399	-17.0	74	0.02
7 M	Trichlorofluoromethane	20.000	18.883	5.6	60	0.02
8 T	Diethyl Ether	20.000	19.682	1.6	62	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.310	8.5	57	0.01
10 M	1,1-Dichloroethene	20.000	18.783	6.1	61	0.02
11	Methyl Iodide	20.000	18.138	9.3	66	0.01
12	Methyl Acetate	20.000	25.234	-26.2#	84	0.00
13 M	Acrolein	100.000	53.053	46.9#	36	0.01
14 M	Acrylonitrile	100.000	115.462	-15.5	74	0.00
15 M	Acetone	100.000	112.724	-12.7	70	-0.01
16 M	Carbon Disulfide	20.000	16.316	18.4	54	0.00
17	Allyl chloride	20.000	19.906	0.5	61	0.00
18 M	Methylene Chloride	20.000	20.302	-1.5	67	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.113	4.4	65	0.00
20 T	Diisopropyl ether	20.000	21.946	-9.7	71	0.00
21 M	1,1-Dichloroethane	20.000	21.476	-7.4	68	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.489	-2.4	68	0.00
23 M	tert-Butyl Alcohol	100.000	103.026	-3.0	63	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.624	-3.1	65	0.00
25 M	Chloroform	20.000	21.708	-8.5	69	0.00
26	Cyclohexane	20.000	19.637	1.8	64	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.545	-8.5	70	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	65	0.00
29	1,1-Dichloropropene	20.000	19.151	4.2	63	0.00
30 M	2-Butanone	100.000	110.445	-10.4	70	0.00
31	2,2-Dichloropropane	20.000	24.182	-20.9	81	0.00
32 M	1,1,1-Trichloroethane	20.000	20.146	-0.7	65	0.00
33 M	Carbon Tetrachloride	20.000	19.480	2.6	63	0.00
34 M	Benzene	20.000	20.649	-3.2	66	0.00
35	Methacrylonitrile	20.000	20.398	-2.0	67	0.00
36 M	1,2-Dichloroethane	20.000	20.579	-2.9	68	0.00
37 M	Trichloroethene	20.000	17.119	14.4	56	0.00
38	Methylcyclohexane	20.000	18.448	7.8	60	0.00
39 M	1,2-Dichloropropane	20.000	21.130	-5.6	71	0.00
40	Dibromomethane	20.000	20.528	-2.6	68	0.00
41 M	Bromodichloromethane	20.000	20.885	-4.4	70	0.00
42 M	Vinyl Acetate	100.000	113.284	-13.3	75	0.00
43	Ethyl Acetate	20.000	20.921	-4.6	70	0.00
44	Isopropyl Acetate	20.000	24.042	-20.2	78	0.00
45 T	1,4-Dioxane	400.000	409.739	-2.4	66	0.00
46	Methyl methacrylate	20.000	21.349	-6.7	70	0.00
47	n-amyl Acetate	20.000	19.454	2.7	65	0.00
48 M	t-1,3-Dichloropropene	20.000	19.708	1.5	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.286	-1.4	67	0.00
50 M	1,1,2-Trichloroethane	20.000	21.237	-6.2	69	0.00
51	Ethyl methacrylate	20.000	19.198	4.0	63	0.00
52	1,3-Dichloropropane	20.000	20.706	-3.5	68	0.00
53 M	Dibromochloromethane	20.000	18.404	8.0	63	0.00
54 M	1,2-Dibromoethane	20.000	19.872	0.6	65	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.606	-3.6	67	0.00
56 M	Bromoform	20.000	16.331	18.3	54	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	65	0.00
58 M	4-Methyl-2-Pentanone	100.000	112.105	-12.1	71	0.00
59 M	2-Hexanone	100.000	111.075	-11.1	71	0.00
60 S	4-Bromofluorobenzene	30.000	29.529	1.6	65	0.00
61 M	Tetrachloroethene	20.000	17.948	10.3	56	0.00
62 M	Toluene	20.000	20.129	-0.6	65	0.00
63 S	Toluene-d8	30.000	31.055	-3.5	67	0.00
64 M	Chlorobenzene	20.000	19.466	2.7	62	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.018	4.9	61	0.00
66 M	Ethyl Benzene	20.000	19.464	2.7	61	0.00
67 M	m/p-Xylenes	40.000	39.018	2.5	62	0.00
68 M	o-Xylene	20.000	18.586	7.1	58	0.00
69 M	Styrene	20.000	19.207	4.0	62	0.00
70	Isopropylbenzene	20.000	18.872	5.6	60	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.044	-10.2	69	0.00
72	1,2,3-Trichloropropane	20.000	23.310	-16.5	78	0.00
73	Bromobenzene	20.000	19.525	2.4	64	0.00
74	n-propylbenzene	20.000	19.801	1.0	63	0.00
75	2-Chlorotoluene	20.000	18.843	5.8	60	0.00
76	1,3,5-Trimethylbenzene	20.000	19.263	3.7	61	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.095	4.5	63	0.00
78	4-Chlorotoluene	20.000	19.053	4.7	62	0.00
79	tert-butylbenzene	20.000	18.036	9.8	57	0.00
80	1,2,4-Trimethylbenzene	20.000	18.863	5.7	61	0.00
81	sec-Butylbenzene	20.000	18.790	6.1	61	0.00
82	p-Isopropyltoluene	20.000	19.049	4.8	60	0.00
83 M	1,3-Dichlorobenzene	20.000	19.186	4.1	61	0.00
84 M	1,4-Dichlorobenzene	20.000	19.385	3.1	62	0.00
85	n-Butylbenzene	20.000	19.561	2.2	64	0.00
86 T	Hexachloroethane	20.000	18.489	7.6	59	0.00
87 M	1,2-Dichlorobenzene	20.000	19.579	2.1	63	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.918	10.4	55	-0.01
89	1,2,4-Trichlorobenzene	20.000	18.463	7.7	61	0.00
90	Hexachlorobutadiene	20.000	16.578	17.1	56	0.00
91 M	Naphthalene	20.000	18.186	9.1	58	0.00
92	1,2,3-Trichlorobenzene	20.000	18.463	7.7	61	0.00

(#) = Out of Range

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