

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077614.D
 Acq On : 08 May 2023 13:00
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN050823

Quant Time: May 09 06:00:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 2023
 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	20.884	-4.4	109	0.00
3 M	Chloromethane	20.000	20.790	-3.9	114	0.00
4 M	Vinyl Chloride	20.000	19.500	2.5	108	0.00
5 M	Bromomethane	20.000	23.255	-16.3	128	0.00
6 M	Chloroethane	20.000	20.453	-2.3	117	0.00
7 M	Trichlorofluoromethane	20.000	19.332	3.3	101	0.00
8 T	Diethyl Ether	20.000	21.720	-8.6	124	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.903	-4.5	119	0.00
10 M	1,1-Dichloroethene	20.000	20.415	-2.1	116	0.00
11	Methyl Iodide	20.000	20.352	-1.8	115	-0.01
12	Methyl Acetate	20.000	21.368	-6.8	115	0.00
13 M	Acrolein	100.000	93.996	6.0	109	0.00
14 M	Acrylonitrile	100.000	105.058	-5.1	113	0.00
15 M	Acetone	100.000	104.425	-4.4	113	-0.01
16 M	Carbon Disulfide	20.000	20.540	-2.7	120	0.00
17	Allyl chloride	20.000	19.915	0.4	112	0.00
18 M	Methylene Chloride	20.000	20.231	-1.2	115	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.548	-2.7	113	0.00
20 T	Diisopropyl ether	20.000	20.276	-1.4	106	0.00
21 M	1,1-Dichloroethane	20.000	21.062	-5.3	114	-0.01
22 M	cis-1,2-Dichloroethene	20.000	20.832	-4.2	112	0.00
23 M	tert-Butyl Alcohol	100.000	113.968	-14.0	121	0.01
24 M	Methyl tert-Butyl Ether	20.000	20.864	-4.3	111	0.00
25 M	Chloroform	20.000	20.779	-3.9	110	0.00
26	Cyclohexane	20.000	20.551	-2.8	112	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.367	-1.2	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	112	0.00
29	1,1-Dichloropropene	20.000	19.642	1.8	112	0.00
30 M	2-Butanone	100.000	106.164	-6.2	114	0.00
31	2,2-Dichloropropane	20.000	20.142	-0.7	116	0.00
32 M	1,1,1-Trichloroethane	20.000	19.822	0.9	114	0.00
33 M	Carbon Tetrachloride	20.000	19.840	0.8	111	0.00
34 M	Benzene	20.000	19.778	1.1	110	0.00
35	Methacrylonitrile	20.000	21.477	-7.4	109	0.00
36 M	1,2-Dichloroethane	20.000	19.941	0.3	111	0.00
37 M	Trichloroethene	20.000	19.514	2.4	112	0.00
38	Methylcyclohexane	20.000	20.160	-0.8	117	0.00
39 M	1,2-Dichloropropane	20.000	19.728	1.4	109	0.00
40	Dibromomethane	20.000	19.958	0.2	112	0.00
41 M	Bromodichloromethane	20.000	19.674	1.6	109	0.00
42 M	Vinyl Acetate	100.000	97.753	2.2	107	0.00
43	Ethyl Acetate	20.000	20.333	-1.7	113	0.00
44	Isopropyl Acetate	20.000	20.438	-2.2	113	0.00
45 T	1,4-Dioxane	400.000	443.620	-10.9	129	0.00
46	Methyl methacrylate	20.000	20.483	-2.4	106	0.00
47	n-amyl Acetate	20.000	20.068	-0.3	109	0.00
48 M	t-1,3-Dichloropropene	20.000	19.414	2.9	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.379	3.1	110	0.00
50 M	1,1,2-Trichloroethane	20.000	19.709	1.5	108	0.00
51	Ethyl methacrylate	20.000	20.561	-2.8	113	0.00
52	1,3-Dichloropropane	20.000	19.773	1.1	110	0.00
53 M	Dibromochloromethane	20.000	19.369	3.2	106	0.00
54 M	1,2-Dibromoethane	20.000	19.900	0.5	108	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.714	-1.7	107	0.00
56 M	Bromoform	20.000	19.966	0.2	111	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.441	-6.4	109	0.00
59 M	2-Hexanone	100.000	107.601	-7.6	113	0.00
60 S	4-Bromofluorobenzene	30.000	29.676	1.1	105	0.00
61 M	Tetrachloroethene	20.000	20.432	-2.2	112	0.00
62 M	Toluene	20.000	20.489	-2.4	113	0.00
63 S	Toluene-d8	30.000	30.009	-0.0	106	0.00
64 M	Chlorobenzene	20.000	20.272	-1.4	112	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.568	-2.8	108	0.00
66 M	Ethyl Benzene	20.000	20.334	-1.7	110	0.00
67 M	m/p-Xylenes	40.000	40.843	-2.1	111	0.00
68 M	o-Xylene	20.000	20.248	-1.2	110	0.00
69 M	Styrene	20.000	20.364	-1.8	112	0.00
70	Isopropylbenzene	20.000	20.424	-2.1	112	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.310	-1.5	110	0.00
72	1,2,3-Trichloropropane	20.000	18.124	9.4	96	0.00
73	Bromobenzene	20.000	20.169	-0.8	111	0.00
74	n-propylbenzene	20.000	20.276	-1.4	114	0.00
75	2-Chlorotoluene	20.000	20.281	-1.4	111	0.00
76	1,3,5-Trimethylbenzene	20.000	20.586	-2.9	115	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.889	0.6	108	0.00
78	4-Chlorotoluene	20.000	19.905	0.5	111	0.00
79	tert-butylbenzene	20.000	20.618	-3.1	116	0.00
80	1,2,4-Trimethylbenzene	20.000	20.231	-1.2	116	0.00
81	sec-Butylbenzene	20.000	20.608	-3.0	119	0.00
82	p-Isopropyltoluene	20.000	20.415	-2.1	118	0.00
83 M	1,3-Dichlorobenzene	20.000	19.608	2.0	112	0.00
84 M	1,4-Dichlorobenzene	20.000	19.868	0.7	115	0.00
85	n-Butylbenzene	20.000	19.651	1.7	124	0.00
86 T	Hexachloroethane	20.000	20.428	-2.1	116	0.00
87 M	1,2-Dichlorobenzene	20.000	19.814	0.9	111	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.689	-3.4	113	0.00
89	1,2,4-Trichlorobenzene	20.000	18.018	9.9	118	0.00
90	Hexachlorobutadiene	20.000	21.612	-8.1	139	0.00
91 M	Naphthalene	20.000	19.005	5.0	122	0.00
92	1,2,3-Trichlorobenzene	20.000	18.426	7.9	120	0.00

(#) = Out of Range

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