

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074358.D
 Acq On : 08 Sep 2022 14:51
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090822

Quant Time: Sep 09 05:28:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 09 05:24:20 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	19.930	0.4	98	0.00
3 M	Chloromethane	20.000	19.443	2.8	93	0.00
4 M	Vinyl Chloride	20.000	19.875	0.6	99	0.00
5 M	Bromomethane	20.000	25.687	-28.4#	112	0.00
6 M	Chloroethane	20.000	21.495	-7.5	106	0.00
7 M	Trichlorofluoromethane	20.000	19.578	2.1	96	0.00
8 T	Diethyl Ether	20.000	19.665	1.7	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.356	-1.8	102	0.00
10 M	1,1-Dichloroethene	20.000	19.893	0.5	96	0.00
11	Methyl Iodide	20.000	19.664	1.7	96	0.00
12	Methyl Acetate	20.000	19.594	2.0	101	0.00
13 M	Acrolein	100.000	96.688	3.3	100	0.00
14 M	Acrylonitrile	100.000	100.465	-0.5	101	0.00
15 M	Acetone	100.000	101.405	-1.4	100	0.00
16 M	Carbon Disulfide	20.000	20.132	-0.7	100	0.00
17	Allyl chloride	20.000	19.606	2.0	99	0.00
18 M	Methylene Chloride	20.000	19.986	0.1	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.509	2.5	99	0.00
20 T	Diisopropyl ether	20.000	19.974	0.1	98	0.00
21 M	1,1-Dichloroethane	20.000	19.582	2.1	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.102	4.5	95	0.00
23 M	tert-Butyl Alcohol	100.000	105.588	-5.6	102	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.661	1.7	98	0.00
25 M	Chloroform	20.000	19.568	2.2	97	0.00
26	Cyclohexane	20.000	19.800	1.0	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.867	-2.9	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	19.329	3.4	97	0.00
30 M	2-Butanone	100.000	102.521	-2.5	100	0.00
31	2,2-Dichloropropane	20.000	19.679	1.6	95	0.00
32 M	1,1,1-Trichloroethane	20.000	18.986	5.1	96	0.00
33 M	Carbon Tetrachloride	20.000	18.729	6.4	97	0.00
34 M	Benzene	20.000	19.452	2.7	96	0.00
35	Methacrylonitrile	20.000	21.636	-8.2	112	0.00
36 M	1,2-Dichloroethane	20.000	19.224	3.9	95	0.00
37 M	Trichloroethene	20.000	18.871	5.6	96	0.00
38	Methylcyclohexane	20.000	19.262	3.7	99	0.00
39 M	1,2-Dichloropropane	20.000	19.733	1.3	97	0.00
40	Dibromomethane	20.000	19.735	1.3	100	0.00
41 M	Bromodichloromethane	20.000	19.343	3.3	96	0.00
42 M	Vinyl Acetate	100.000	98.013	2.0	97	0.00
43	Ethyl Acetate	20.000	19.626	1.9	94	0.00
44	Isopropyl Acetate	20.000	19.887	0.6	99	0.00
45 T	1,4-Dioxane	400.000	412.731	-3.2	101	0.00
46	Methyl methacrylate	20.000	19.581	2.1	98	0.00
47	n-amyl Acetate	20.000	19.307	3.5	97	0.00
48 M	t-1,3-Dichloropropene	20.000	18.624	6.9	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.210	3.9	98	0.00
50 M	1,1,2-Trichloroethane	20.000	19.229	3.9	99	0.00
51	Ethyl methacrylate	20.000	19.673	1.6	99	0.00
52	1,3-Dichloropropane	20.000	19.723	1.4	98	0.00
53 M	Dibromochloromethane	20.000	18.542	7.3	95	0.00
54 M	1,2-Dibromoethane	20.000	19.070	4.6	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.731	7.3	96	0.00
56 M	Bromoform	20.000	18.033	9.8	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.615	2.4	95	0.00
59 M	2-Hexanone	100.000	99.475	0.5	98	0.00
60 S	4-Bromofluorobenzene	30.000	29.508	1.6	101	0.00
61 M	Tetrachloroethene	20.000	18.584	7.1	96	0.00
62 M	Toluene	20.000	19.387	3.1	98	0.00
63 S	Toluene-d8	30.000	29.859	0.5	100	0.00
64 M	Chlorobenzene	20.000	19.124	4.4	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.391	3.0	97	0.00
66 M	Ethyl Benzene	20.000	19.393	3.0	97	0.00
67 M	m/p-Xylenes	40.000	38.577	3.6	96	0.00
68 M	o-Xylene	20.000	19.322	3.4	98	0.00
69 M	Styrene	20.000	18.597	7.0	98	0.00
70	Isopropylbenzene	20.000	18.895	5.5	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.246	3.8	98	0.00
72	1,2,3-Trichloropropane	20.000	21.541	-7.7	112	0.00
73	Bromobenzene	20.000	18.827	5.9	101	0.00
74	n-propylbenzene	20.000	18.792	6.0	98	0.00
75	2-Chlorotoluene	20.000	19.017	4.9	98	0.00
76	1,3,5-Trimethylbenzene	20.000	18.949	5.3	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.524	7.4	95	0.00
78	4-Chlorotoluene	20.000	18.626	6.9	99	0.00
79	tert-butylbenzene	20.000	18.584	7.1	96	0.00
80	1,2,4-Trimethylbenzene	20.000	18.590	7.1	96	0.00
81	sec-Butylbenzene	20.000	18.902	5.5	101	0.00
82	p-Isopropyltoluene	20.000	18.653	6.7	101	0.00
83 M	1,3-Dichlorobenzene	20.000	18.719	6.4	102	0.00
84 M	1,4-Dichlorobenzene	20.000	18.543	7.3	101	0.00
85	n-Butylbenzene	20.000	17.478	12.6	96	0.00
86 T	Hexachloroethane	20.000	19.151	4.2	101	0.00
87 M	1,2-Dichlorobenzene	20.000	18.635	6.8	100	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.930	5.4	96	0.00
89	1,2,4-Trichlorobenzene	20.000	17.969	10.2	101	0.00
90	Hexachlorobutadiene	20.000	17.890	10.5	95	0.00
91 M	Naphthalene	20.000	18.303	8.5	99	0.00
92	1,2,3-Trichlorobenzene	20.000	18.355	8.2	105	0.00

(#) = Out of Range

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