

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078373.D
 Acq On : 23 Jun 2023 12:45
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN062323

Quant Time: Jun 24 01:05:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:59:50 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	76	0.00
2 M	Dichlorodifluoromethane	20.000	21.705	-8.5	78	0.00
3 M	Chloromethane	20.000	21.973	-9.9	80	0.00
4 M	Vinyl Chloride	20.000	21.826	-9.1	78	0.00
5 M	Bromomethane	20.000	19.042	4.8	69	0.01
6 M	Chloroethane	20.000	20.775	-3.9	81	0.00
7 M	Trichlorofluoromethane	20.000	22.043	-10.2	80	0.00
8 T	Diethyl Ether	20.000	20.929	-4.6	76	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.999	-10.0	82	0.00
10 M	1,1-Dichloroethene	20.000	21.373	-6.9	81	0.00
11	Methyl Iodide	20.000	21.825	-9.1	81	0.00
12	Methyl Acetate	20.000	22.244	-11.2	84	0.00
13 M	Acrolein	100.000	104.037	-4.0	80	0.00
14 M	Acrylonitrile	100.000	109.683	-9.7	81	0.00
15 M	Acetone	100.000	122.817	-22.8	83	0.00
16 M	Carbon Disulfide	20.000	20.835	-4.2	77	0.00
17	Allyl chloride	20.000	21.498	-7.5	81	0.00
18 M	Methylene Chloride	20.000	21.816	-9.1	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.205	-6.0	81	0.00
20 T	Diisopropyl ether	20.000	21.513	-7.6	82	0.00
21 M	1,1-Dichloroethane	20.000	22.035	-10.2	83	0.00
22 M	cis-1,2-Dichloroethene	20.000	22.002	-10.0	82	0.00
23 M	tert-Butyl Alcohol	100.000	93.307	6.7	71	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.657	-8.3	81	0.00
25 M	Chloroform	20.000	22.120	-10.6	84	0.00
26	Cyclohexane	20.000	21.792	-9.0	82	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.818	0.6	79	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	77	0.00
29	1,1-Dichloropropene	20.000	21.723	-8.6	83	0.00
30 M	2-Butanone	100.000	112.448	-12.4	82	0.00
31	2,2-Dichloropropane	20.000	21.987	-9.9	82	0.00
32 M	1,1,1-Trichloroethane	20.000	21.652	-8.3	84	0.00
33 M	Carbon Tetrachloride	20.000	21.738	-8.7	85	0.00
34 M	Benzene	20.000	21.660	-8.3	82	0.00
35	Methacrylonitrile	20.000	22.118	-10.6	85	0.00
36 M	1,2-Dichloroethane	20.000	22.046	-10.2	85	0.00
37 M	Trichloroethene	20.000	22.027	-10.1	82	0.00
38	Methylcyclohexane	20.000	20.672	-3.4	76	0.00
39 M	1,2-Dichloropropane	20.000	22.281	-11.4	84	0.00
40	Dibromomethane	20.000	21.710	-8.6	84	0.00
41 M	Bromodichloromethane	20.000	21.927	-9.6	83	0.00
42 M	Vinyl Acetate	100.000	107.561	-7.6	80	0.00
43	Ethyl Acetate	20.000	21.897	-9.5	87	0.00
44	Isopropyl Acetate	20.000	20.811	-4.1	81	0.00
45 T	1,4-Dioxane	400.000	364.824	8.8	73	0.00
46	Methyl methacrylate	20.000	21.431	-7.2	77	0.00
47	n-amyl Acetate	20.000	21.196	-6.0	79	0.00
48 M	t-1,3-Dichloropropene	20.000	21.256	-6.3	79	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.191	-6.0	79	0.00
50 M	1,1,2-Trichloroethane	20.000	21.977	-9.9	82	0.00
51	Ethyl methacrylate	20.000	21.026	-5.1	79	0.00
52	1,3-Dichloropropane	20.000	22.444	-12.2	87	0.00
53 M	Dibromochloromethane	20.000	22.025	-10.1	82	0.00
54 M	1,2-Dibromoethane	20.000	22.331	-11.7	84	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.910	5.1	73	0.00
56 M	Bromoform	20.000	21.340	-6.7	81	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	77	0.00
58 M	4-Methyl-2-Pentanone	100.000	110.561	-10.6	82	0.00
59 M	2-Hexanone	100.000	111.020	-11.0	81	0.00
60 S	4-Bromofluorobenzene	30.000	30.229	-0.8	77	0.00
61 M	Tetrachloroethene	20.000	22.991	-15.0	88	0.00
62 M	Toluene	20.000	22.033	-10.2	82	0.00
63 S	Toluene-d8	30.000	29.940	0.2	77	0.00
64 M	Chlorobenzene	20.000	22.027	-10.1	82	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.801	-9.0	82	0.00
66 M	Ethyl Benzene	20.000	21.985	-9.9	81	0.00
67 M	m/p-Xylenes	40.000	44.623	-11.6	82	0.00
68 M	o-Xylene	20.000	22.412	-12.1	81	0.00
69 M	Styrene	20.000	21.981	-9.9	81	0.00
70	Isopropylbenzene	20.000	22.027	-10.1	82	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.079	-10.4	82	0.00
72	1,2,3-Trichloropropane	20.000	20.943	-4.7	81	0.00
73	Bromobenzene	20.000	21.650	-8.2	80	0.00
74	n-propylbenzene	20.000	21.712	-8.6	80	0.00
75	2-Chlorotoluene	20.000	21.502	-7.5	82	0.00
76	1,3,5-Trimethylbenzene	20.000	21.460	-7.3	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.051	-5.3	76	0.00
78	4-Chlorotoluene	20.000	20.968	-4.8	81	0.00
79	tert-butylbenzene	20.000	21.763	-8.8	81	0.00
80	1,2,4-Trimethylbenzene	20.000	22.337	-11.7	82	0.00
81	sec-Butylbenzene	20.000	21.296	-6.5	77	0.00
82	p-Isopropyltoluene	20.000	21.499	-7.5	78	0.00
83 M	1,3-Dichlorobenzene	20.000	21.271	-6.4	79	0.00
84 M	1,4-Dichlorobenzene	20.000	21.151	-5.8	78	0.00
85	n-Butylbenzene	20.000	20.251	-1.3	69	0.00
86 T	Hexachloroethane	20.000	21.273	-6.4	80	0.00
87 M	1,2-Dichlorobenzene	20.000	21.547	-7.7	80	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.684	-3.4	80	0.00
89	1,2,4-Trichlorobenzene	20.000	17.740	11.3	62	0.00
90	Hexachlorobutadiene	20.000	19.003	5.0	66	0.00
91 M	Naphthalene	20.000	17.057	14.7	62	0.00
92	1,2,3-Trichlorobenzene	20.000	19.220	3.9	69	0.00

(#) = Out of Range

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