

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102620\
 Data File : VN064310.D
 Acq On : 26 Oct 2020 18:17
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102620

Quant Time: Oct 27 02:43:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 17:44:53 2020
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	100	0.00
2 M	Dichlorodifluoromethane	20.000	19.259	3.7	98	0.00
3 M	Chloromethane	20.000	19.704	1.5	105	0.00
4 M	Vinyl Chloride	20.000	18.643	6.8	98	0.00
5 M	Bromomethane	20.000	20.532	-2.7	106	0.00
6 M	Chloroethane	20.000	18.841	5.8	99	0.00
7 M	Trichlorofluoromethane	20.000	19.519	2.4	99	0.00
8 T	Diethyl Ether	20.000	19.414	2.9	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.905	5.5	102	0.00
10 M	1,1-Dichloroethene	20.000	19.222	3.9	102	0.00
11	Methyl Iodide	20.000	17.044	14.8	95	0.00
12	Methyl Acetate	20.000	19.374	3.1	101	0.00
13 M	Acrolein	100.000	88.648	11.4	111	0.00
14 M	Acrylonitrile	100.000	92.210	7.8	98	0.00
15 M	Acetone	100.000	87.332	12.7	95	0.00
16 M	Carbon Disulfide	20.000	18.559	7.2	103	0.00
17	Allyl chloride	20.000	17.523	12.4	99	0.00
18 M	Methylene Chloride	20.000	18.203	9.0	96	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.957	5.2	106	0.00
20 T	Diisopropyl ether	20.000	18.912	5.4	101	0.00
21 M	1,1-Dichloroethane	20.000	19.248	3.8	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.071	4.6	102	0.00
23 M	tert-Butyl Alcohol	100.000	98.888	1.1	107	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.044	4.8	101	0.00
25 M	Chloroform	20.000	19.104	4.5	101	0.00
26	Cyclohexane	20.000	18.656	6.7	102	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.113	-3.7	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	18.477	7.6	101	0.00
30 M	2-Butanone	100.000	92.880	7.1	99	0.00
31	2,2-Dichloropropane	20.000	18.619	6.9	100	0.00
32 M	1,1,1-Trichloroethane	20.000	18.922	5.4	101	0.00
33 M	Carbon Tetrachloride	20.000	18.301	8.5	99	0.00
34 M	Benzene	20.000	18.609	7.0	100	0.00
35	Methacrylonitrile	20.000	17.913	10.4	99	0.01
36 M	1,2-Dichloroethane	20.000	18.622	6.9	97	0.00
37 M	Trichloroethene	20.000	18.740	6.3	103	0.00
38	Methylcyclohexane	20.000	18.392	8.0	104	0.00
39 M	1,2-Dichloropropane	20.000	18.573	7.1	97	0.00
40	Dibromomethane	20.000	19.466	2.7	103	0.00
41 M	Bromodichloromethane	20.000	18.272	8.6	98	0.00
42 M	Vinyl Acetate	100.000	91.048	9.0	97	0.00
43	Ethyl Acetate	20.000	18.799	6.0	100	0.00
44	Isopropyl Acetate	20.000	18.135	9.3	96	0.00
45 T	1,4-Dioxane	400.000	354.681	11.3	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.193	4.0	101	0.00
47	n-amyl Acetate	20.000	17.665	11.7	96	0.00
48 M	t-1,3-Dichloropropene	20.000	18.182	9.1	96	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.931	10.3	98	0.00
50 M	1,1,2-Trichloroethane	20.000	18.163	9.2	95	0.00
51	Ethyl methacrylate	20.000	17.859	10.7	97	0.00
52	1,3-Dichloropropane	20.000	18.570	7.1	98	0.00
53 M	Dibromochloromethane	20.000	18.110	9.5	97	0.00
54 M	1,2-Dibromoethane	20.000	18.480	7.6	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.894	5.1	101	0.00
56 M	Bromoform	20.000	17.446	12.8	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.870	4.1	98	0.00
59 M	2-Hexanone	100.000	93.309	6.7	97	0.00
60 S	4-Bromofluorobenzene	30.000	31.110	-3.7	101	0.00
61 M	Tetrachloroethene	20.000	18.791	6.0	99	0.00
62 M	Toluene	20.000	18.711	6.4	100	0.00
63 S	Toluene-d8	30.000	31.519	-5.1	103	0.00
64 M	Chlorobenzene	20.000	19.124	4.4	103	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.229	3.9	102	0.00
66 M	Ethyl Benzene	20.000	18.854	5.7	99	0.00
67 M	m/p-Xylenes	40.000	37.206	7.0	101	0.00
68 M	o-Xylene	20.000	18.397	8.0	100	0.00
69 M	Styrene	20.000	18.214	8.9	99	0.00
70	Isopropylbenzene	20.000	18.551	7.2	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.128	4.4	98	0.00
72	1,2,3-Trichloropropane	20.000	19.578	2.1	92	0.00
73	Bromobenzene	20.000	18.824	5.9	101	0.00
74	n-propylbenzene	20.000	18.142	9.3	98	0.00
75	2-Chlorotoluene	20.000	18.785	6.1	99	0.00
76	1,3,5-Trimethylbenzene	20.000	18.649	6.8	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.512	7.4	95	0.00
78	4-Chlorotoluene	20.000	18.443	7.8	99	0.00
79	tert-butylbenzene	20.000	18.378	8.1	101	0.00
80	1,2,4-Trimethylbenzene	20.000	18.351	8.2	98	0.00
81	sec-Butylbenzene	20.000	17.841	10.8	98	0.00
82	p-Isopropyltoluene	20.000	18.064	9.7	100	0.00
83 M	1,3-Dichlorobenzene	20.000	18.252	8.7	101	0.00
84 M	1,4-Dichlorobenzene	20.000	18.052	9.7	100	0.00
85	n-Butylbenzene	20.000	17.934	10.3	102	0.00
86 T	Hexachloroethane	20.000	18.668	6.7	102	0.00
87 M	1,2-Dichlorobenzene	20.000	18.278	8.6	100	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.058	-0.3	105	0.00
89	1,2,4-Trichlorobenzene	20.000	17.537	12.3	101	0.00
90	Hexachlorobutadiene	20.000	18.219	8.9	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.342	8.3	100	0.00
92	1,2,3-Trichlorobenzene	20.000	18.770	6.2	105	0.00

(#) = Out of Range

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