

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN071620\
 Data File : VN062551.D
 Acq On : 16 Jul 2020 16:34
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 16 18:40:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 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	88	0.00
2 M	Dichlorodifluoromethane	20.000	17.972	10.1	80	0.00
3 M	Chloromethane	20.000	17.499	12.5	79	0.00
4 M	Vinyl Chloride	20.000	18.134	9.3	81	0.00
5 M	Bromomethane	20.000	17.447	12.8	83	0.00
6 M	Chloroethane	20.000	18.035	9.8	79	0.00
7 M	Trichlorofluoromethane	20.000	19.363	3.2	83	0.00
8 T	Diethyl Ether	20.000	18.087	9.6	80	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.366	8.2	82	0.00
10 M	1,1-Dichloroethene	20.000	18.282	8.6	82	0.00
11	Methyl Iodide	20.000	18.529	7.4	85	0.00
12	Methyl Acetate	20.000	18.971	5.1	86	0.00
13 M	Acrolein	100.000	98.728	1.3	86	0.00
14 M	Acrylonitrile	100.000	91.339	8.7	83	0.00
15 M	Acetone	100.000	79.744	20.3	60	0.00
16 M	Carbon Disulfide	20.000	17.303	13.5	79	0.00
17	Allyl chloride	20.000	18.505	7.5	79	0.00
18 M	Methylene Chloride	20.000	18.850	5.7	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.935	10.3	81	0.00
20 T	Diisopropyl ether	20.000	18.462	7.7	81	0.00
21 M	1,1-Dichloroethane	20.000	18.728	6.4	83	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.009	10.0	81	0.00
23 M	tert-Butyl Alcohol	100.000	90.532	9.5	79	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.796	11.0	80	0.00
25 M	Chloroform	20.000	18.639	6.8	83	0.00
26	Cyclohexane	20.000	17.606	12.0	79	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.061	-0.2	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	87	0.00
29	1,1-Dichloropropene	20.000	18.566	7.2	83	0.00
30 M	2-Butanone	100.000	91.501	8.5	75	0.00
31	2,2-Dichloropropane	20.000	18.414	7.9	80	0.00
32 M	1,1,1-Trichloroethane	20.000	19.005	5.0	83	0.00
33 M	Carbon Tetrachloride	20.000	18.539	7.3	82	0.00
34 M	Benzene	20.000	18.735	6.3	82	0.00
35	Methacrylonitrile	20.000	16.391	18.0	69	0.00
36 M	1,2-Dichloroethane	20.000	19.074	4.6	84	0.00
37 M	Trichloroethene	20.000	18.404	8.0	81	0.00
38	Methylcyclohexane	20.000	17.102	14.5	77	0.00
39 M	1,2-Dichloropropane	20.000	18.718	6.4	82	0.00
40	Dibromomethane	20.000	19.065	4.7	83	0.00
41 M	Bromodichloromethane	20.000	18.740	6.3	82	0.00
42 M	Vinyl Acetate	100.000	91.782	8.2	79	0.00
43	Ethyl Acetate	20.000	17.538	12.3	77	0.00
44	Isopropyl Acetate	20.000	18.145	9.3	80	0.00
45 T	1,4-Dioxane	400.000	406.192	-1.5	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.823	10.9	79	0.00
47	n-amyl Acetate	20.000	17.592	12.0	80	0.00
48 M	t-1,3-Dichloropropene	20.000	18.007	10.0	81	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.149	9.3	81	0.00
50 M	1,1,2-Trichloroethane	20.000	18.753	6.2	81	0.00
51	Ethyl methacrylate	20.000	17.352	13.2	78	0.00
52	1,3-Dichloropropane	20.000	18.503	7.5	81	0.00
53 M	Dibromochloromethane	20.000	18.508	7.5	81	0.00
54 M	1,2-Dibromoethane	20.000	18.277	8.6	82	0.00
55 M	2-Chloroethyl vinyl ether	100.000	107.128	-7.1	97	0.00
56 M	Bromoform	20.000	18.558	7.2	83	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.488	4.5	81	0.00
59 M	2-Hexanone	100.000	92.873	7.1	79	0.00
60 S	4-Bromofluorobenzene	30.000	29.798	0.7	89	0.00
61 M	Tetrachloroethene	20.000	18.796	6.0	82	0.00
62 M	Toluene	20.000	18.477	7.6	80	0.00
63 S	Toluene-d8	30.000	30.063	-0.2	87	0.00
64 M	Chlorobenzene	20.000	18.433	7.8	83	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.367	8.2	81	0.00
66 M	Ethyl Benzene	20.000	18.107	9.5	80	0.00
67 M	m/p-Xylenes	40.000	36.734	8.2	82	0.00
68 M	o-Xylene	20.000	18.099	9.5	81	0.00
69 M	Styrene	20.000	17.839	10.8	80	0.00
70	Isopropylbenzene	20.000	18.386	8.1	82	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.123	4.4	84	0.00
72	1,2,3-Trichloropropane	20.000	17.321	13.4	76	0.00
73	Bromobenzene	20.000	18.404	8.0	83	0.00
74	n-propylbenzene	20.000	17.807	11.0	81	0.00
75	2-Chlorotoluene	20.000	18.126	9.4	81	0.00
76	1,3,5-Trimethylbenzene	20.000	17.850	10.7	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.697	16.5	76	0.00
78	4-Chlorotoluene	20.000	17.829	10.9	81	0.00
79	tert-butylbenzene	20.000	17.872	10.6	80	0.00
80	1,2,4-Trimethylbenzene	20.000	17.462	12.7	79	0.00
81	sec-Butylbenzene	20.000	17.763	11.2	81	0.00
82	p-Isopropyltoluene	20.000	17.131	14.3	79	0.00
83 M	1,3-Dichlorobenzene	20.000	17.622	11.9	81	0.00
84 M	1,4-Dichlorobenzene	20.000	17.270	13.7	81	0.00
85	n-Butylbenzene	20.000	15.818	20.9	77	0.00
86 T	Hexachloroethane	20.000	18.613	6.9	86	0.00
87 M	1,2-Dichlorobenzene	20.000	18.226	8.9	83	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.518	7.4	82	0.00
89	1,2,4-Trichlorobenzene	20.000	15.673	21.6	77	0.00
90	Hexachlorobutadiene	20.000	18.674	6.6	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	14.697	26.5	72	0.00
92	1,2,3-Trichlorobenzene	20.000	16.197	19.0	78	0.00

(#) = Out of Range

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