

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064277.D
 Acq On : 23 Oct 2020 1:58
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 23 05:06:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 22 16:07:21 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	86	0.00
2 M	Dichlorodifluoromethane	20.000	21.601	-8.0	97	0.00
3 M	Chloromethane	20.000	20.314	-1.6	93	0.00
4 M	Vinyl Chloride	20.000	20.795	-4.0	95	0.00
5 M	Bromomethane	20.000	21.472	-7.4	101	0.00
6 M	Chloroethane	20.000	21.054	-5.3	97	0.00
7 M	Trichlorofluoromethane	20.000	21.488	-7.4	94	0.00
8 T	Diethyl Ether	20.000	19.786	1.1	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.611	-3.1	95	0.00
10 M	1,1-Dichloroethene	20.000	20.002	-0.0	95	0.00
11	Methyl Iodide	20.000	19.196	4.0	95	0.00
12	Methyl Acetate	20.000	23.868	-19.3	117	0.00
13 M	Acrolein	100.000	140.096	-40.1#	158	0.00
14 M	Acrylonitrile	100.000	104.336	-4.3	103	0.00
15 M	Acetone	100.000	109.758	-9.8	113	0.00
16 M	Carbon Disulfide	20.000	19.029	4.9	90	0.00
17	Allyl chloride	20.000	20.923	-4.6	100	0.00
18 M	Methylene Chloride	20.000	20.443	-2.2	101	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.974	0.1	95	0.00
20 T	Diisopropyl ether	20.000	21.120	-5.6	101	0.00
21 M	1,1-Dichloroethane	20.000	21.351	-6.8	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.445	-2.2	97	0.00
23 M	tert-Butyl Alcohol	100.000	104.803	-4.8	108	0.02
24 M	Methyl tert-Butyl Ether	20.000	21.012	-5.1	100	0.00
25 M	Chloroform	20.000	21.122	-5.6	102	0.00
26	Cyclohexane	20.000	19.290	3.6	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.360	-11.2	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	86	0.00
29	1,1-Dichloropropene	20.000	19.748	1.3	95	0.00
30 M	2-Butanone	100.000	103.492	-3.5	107	0.00
31	2,2-Dichloropropane	20.000	15.925	20.4	77	0.00
32 M	1,1,1-Trichloroethane	20.000	20.367	-1.8	100	0.00
33 M	Carbon Tetrachloride	20.000	20.645	-3.2	101	0.00
34 M	Benzene	20.000	19.804	1.0	99	0.00
35	Methacrylonitrile	20.000	21.764	-8.8	114	0.00
36 M	1,2-Dichloroethane	20.000	21.165	-5.8	104	0.00
37 M	Trichloroethene	20.000	20.667	-3.3	103	0.00
38	Methylcyclohexane	20.000	18.892	5.5	95	0.00
39 M	1,2-Dichloropropane	20.000	20.096	-0.5	99	0.00
40	Dibromomethane	20.000	20.240	-1.2	102	0.00
41 M	Bromodichloromethane	20.000	20.334	-1.7	101	0.00
42 M	Vinyl Acetate	100.000	100.166	-0.2	100	0.00
43	Ethyl Acetate	20.000	21.411	-7.1	109	0.00
44	Isopropyl Acetate	20.000	19.876	0.6	99	0.00
45 T	1,4-Dioxane	400.000	426.690	-6.7	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.058	-0.3	99	0.00
47	n-amyl Acetate	20.000	18.349	8.3	97	0.00
48 M	t-1,3-Dichloropropene	20.000	18.859	5.7	95	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.017	4.9	96	0.00
50 M	1,1,2-Trichloroethane	20.000	20.049	-0.2	99	0.00
51	Ethyl methacrylate	20.000	18.959	5.2	96	0.00
52	1,3-Dichloropropane	20.000	20.468	-2.3	103	0.00
53 M	Dibromochloromethane	20.000	19.061	4.7	96	0.00
54 M	1,2-Dibromoethane	20.000	19.779	1.1	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.213	7.8	89	0.00
56 M	Bromoform	20.000	18.545	7.3	94	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.283	-4.3	106	0.00
59 M	2-Hexanone	100.000	99.728	0.3	102	0.00
60 S	4-Bromofluorobenzene	30.000	29.352	2.2	85	0.00
61 M	Tetrachloroethene	20.000	21.027	-5.1	105	0.00
62 M	Toluene	20.000	19.666	1.7	98	0.00
63 S	Toluene-d8	30.000	29.435	1.9	85	0.00
64 M	Chlorobenzene	20.000	19.863	0.7	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.844	-4.2	105	0.00
66 M	Ethyl Benzene	20.000	19.505	2.5	97	0.00
67 M	m/p-Xylenes	40.000	38.163	4.6	96	0.00
68 M	o-Xylene	20.000	19.081	4.6	98	0.00
69 M	Styrene	20.000	19.187	4.1	98	0.00
70	Isopropylbenzene	20.000	19.323	3.4	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.299	3.5	98	0.00
72	1,2,3-Trichloropropane	20.000	18.744	6.3	98	0.00
73	Bromobenzene	20.000	19.568	2.2	96	0.00
74	n-propylbenzene	20.000	19.181	4.1	97	0.00
75	2-Chlorotoluene	20.000	19.532	2.3	99	0.00
76	1,3,5-Trimethylbenzene	20.000	19.643	1.8	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.950	15.3	87	0.00
78	4-Chlorotoluene	20.000	19.226	3.9	99	0.00
79	tert-butylbenzene	20.000	19.407	3.0	98	0.00
80	1,2,4-Trimethylbenzene	20.000	19.195	4.0	96	0.00
81	sec-Butylbenzene	20.000	19.098	4.5	95	0.00
82	p-Isopropyltoluene	20.000	18.606	7.0	93	0.00
83 M	1,3-Dichlorobenzene	20.000	19.180	4.1	99	0.00
84 M	1,4-Dichlorobenzene	20.000	18.641	6.8	94	0.00
85	n-Butylbenzene	20.000	18.108	9.5	93	0.00
86 T	Hexachloroethane	20.000	18.356	8.2	92	0.00
87 M	1,2-Dichlorobenzene	20.000	19.216	3.9	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.155	4.2	101	0.00
89	1,2,4-Trichlorobenzene	20.000	18.043	9.8	90	0.00
90	Hexachlorobutadiene	20.000	19.248	3.8	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.210	8.9	95	0.00
92	1,2,3-Trichlorobenzene	20.000	18.867	5.7	97	0.00

(#) = Out of Range

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