

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102320\
 Data File : VN064302.D
 Acq On : 23 Oct 2020 22:02
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 26 02:54:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 01:30:11 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	82	0.00
2 M	Dichlorodifluoromethane	20.000	17.766	11.2	63	0.00
3 M	Chloromethane	20.000	17.933	10.3	67	0.00
4 M	Vinyl Chloride	20.000	17.563	12.2	68	0.00
5 M	Bromomethane	20.000	17.492	12.5	67	0.00
6 M	Chloroethane	20.000	18.379	8.1	71	0.00
7 M	Trichlorofluoromethane	20.000	18.040	9.8	70	0.00
8 T	Diethyl Ether	20.000	18.207	9.0	71	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.289	13.6	66	0.00
10 M	1,1-Dichloroethene	20.000	17.671	11.6	67	0.00
11	Methyl Iodide	20.000	16.001	20.0	66	0.00
12	Methyl Acetate	20.000	17.000	15.0	67	0.00
13 M	Acrolein	100.000	71.250	28.7	65	0.00
14 M	Acrylonitrile	100.000	81.881	18.1	66	0.00
15 M	Acetone	100.000	73.765	26.2	57	0.00
16 M	Carbon Disulfide	20.000	16.682	16.6	66	0.00
17	Allyl chloride	20.000	17.560	12.2	72	0.00
18 M	Methylene Chloride	20.000	17.836	10.8	72	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.983	15.1	66	0.00
20 T	Diisopropyl ether	20.000	18.061	9.7	70	0.00
21 M	1,1-Dichloroethane	20.000	18.305	8.5	71	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.713	11.4	70	0.00
23 M	tert-Butyl Alcohol	100.000	78.742	21.3	63	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.430	7.9	73	0.00
25 M	Chloroform	20.000	18.219	8.9	72	0.00
26	Cyclohexane	20.000	16.476	17.6	64	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.846	-9.5	87	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	83	0.00
29	1,1-Dichloropropene	20.000	16.554	17.2	67	0.00
30 M	2-Butanone	100.000	77.217	22.8	62	0.00
31	2,2-Dichloropropane	20.000	15.870	20.7	63	0.00
32 M	1,1,1-Trichloroethane	20.000	16.779	16.1	68	0.00
33 M	Carbon Tetrachloride	20.000	16.636	16.8	67	0.00
34 M	Benzene	20.000	16.894	15.5	69	0.00
35	Methacrylonitrile	20.000	18.473	7.6	74	0.00
36 M	1,2-Dichloroethane	20.000	17.955	10.2	73	0.00
37 M	Trichloroethene	20.000	17.257	13.7	69	0.00
38	Methylcyclohexane	20.000	15.135	24.3	62	0.00
39 M	1,2-Dichloropropane	20.000	17.129	14.4	70	0.00
40	Dibromomethane	20.000	16.898	15.5	67	0.00
41 M	Bromodichloromethane	20.000	17.523	12.4	70	0.00
42 M	Vinyl Acetate	100.000	85.402	14.6	70	0.00
43	Ethyl Acetate	20.000	17.054	14.7	71	0.00
44	Isopropyl Acetate	20.000	17.142	14.3	68	0.00
45 T	1,4-Dioxane	400.000	290.609	27.3	59	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.373	13.1	70	0.00
47	n-amyl Acetate	20.000	17.023	14.9	72	0.00
48 M	t-1,3-Dichloropropene	20.000	17.143	14.3	69	0.00
49 T	cis-1,3-Dichloropropene	20.000	16.253	18.7	67	0.00
50 M	1,1,2-Trichloroethane	20.000	18.571	7.1	76	0.00
51	Ethyl methacrylate	20.000	16.971	15.1	71	0.00
52	1,3-Dichloropropane	20.000	16.859	15.7	68	0.00
53 M	Dibromochloromethane	20.000	16.923	15.4	70	0.00
54 M	1,2-Dibromoethane	20.000	17.273	13.6	71	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.125	9.9	111	0.00
56 M	Bromoform	20.000	16.601	17.0	71	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	100.000	85.080	14.9	68	0.00
59 M	2-Hexanone	100.000	79.205	20.8	63	0.00
60 S	4-Bromofluorobenzene	30.000	29.401	2.0	80	0.00
61 M	Tetrachloroethene	20.000	17.461	12.7	69	0.00
62 M	Toluene	20.000	17.446	12.8	70	0.00
63 S	Toluene-d8	30.000	29.841	0.5	81	0.00
64 M	Chlorobenzene	20.000	17.056	14.7	67	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.214	13.9	69	0.00
66 M	Ethyl Benzene	20.000	17.155	14.2	70	0.00
67 M	m/p-Xylenes	40.000	33.892	15.3	68	0.00
68 M	o-Xylene	20.000	16.572	17.1	67	0.00
69 M	Styrene	20.000	16.847	15.8	69	0.00
70	Isopropylbenzene	20.000	16.935	15.3	68	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	16.558	17.2	68	0.00
72	1,2,3-Trichloropropane	20.000	18.059	9.7	75	0.00
73	Bromobenzene	20.000	17.749	11.3	72	0.00
74	n-propylbenzene	20.000	16.593	17.0	66	0.00
75	2-Chlorotoluene	20.000	17.115	14.4	70	0.00
76	1,3,5-Trimethylbenzene	20.000	16.826	15.9	68	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.061	24.7	63	0.00
78	4-Chlorotoluene	20.000	16.678	16.6	68	0.00
79	tert-butylbenzene	20.000	16.605	17.0	67	0.00
80	1,2,4-Trimethylbenzene	20.000	17.187	14.1	70	0.00
81	sec-Butylbenzene	20.000	16.507	17.5	66	0.00
82	p-Isopropyltoluene	20.000	16.407	18.0	66	0.00
83 M	1,3-Dichlorobenzene	20.000	16.599	17.0	68	0.00
84 M	1,4-Dichlorobenzene	20.000	15.573	22.1	64	0.00
85	n-Butylbenzene	20.000	16.089	19.6	65	0.00
86 T	Hexachloroethane	20.000	15.807	21.0	65	0.00
87 M	1,2-Dichlorobenzene	20.000	17.043	14.8	70	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.470	17.7	68	0.00
89	1,2,4-Trichlorobenzene	20.000	15.404	23.0	63	0.00
90	Hexachlorobutadiene	20.000	14.947	25.3	60	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.496	17.5	67	0.00
92	1,2,3-Trichlorobenzene	20.000	16.321	18.4	65	0.00

(#) = Out of Range

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