

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102620\
 Data File : VN064315.D
 Acq On : 26 Oct 2020 21:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 27 02:52:15 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	19.749	1.3	98	0.00
3 M	Chloromethane	20.000	18.803	6.0	97	0.00
4 M	Vinyl Chloride	20.000	19.180	4.1	98	0.00
5 M	Bromomethane	20.000	20.262	-1.3	101	0.00
6 M	Chloroethane	20.000	19.405	3.0	99	0.00
7 M	Trichlorofluoromethane	20.000	20.465	-2.3	101	0.00
8 T	Diethyl Ether	20.000	18.964	5.2	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.708	1.5	103	0.00
10 M	1,1-Dichloroethene	20.000	19.069	4.7	98	0.00
11	Methyl Iodide	20.000	18.621	6.9	100	0.00
12	Methyl Acetate	20.000	18.321	8.4	93	0.00
13 M	Acrolein	100.000	84.370	15.6	103	0.00
14 M	Acrylonitrile	100.000	92.279	7.7	95	0.00
15 M	Acetone	100.000	88.747	11.3	94	0.00
16 M	Carbon Disulfide	20.000	18.793	6.0	101	0.00
17	Allyl chloride	20.000	18.948	5.3	103	0.00
18 M	Methylene Chloride	20.000	18.925	5.4	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.972	5.1	103	0.00
20 T	Diisopropyl ether	20.000	18.580	7.1	96	0.00
21 M	1,1-Dichloroethane	20.000	18.704	6.5	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.524	7.4	96	0.00
23 M	tert-Butyl Alcohol	100.000	95.074	4.9	100	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.777	6.1	96	0.00
25 M	Chloroform	20.000	19.507	2.5	99	0.00
26	Cyclohexane	20.000	19.011	4.9	101	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.394	-8.0	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	18.684	6.6	99	0.00
30 M	2-Butanone	100.000	90.175	9.8	94	0.00
31	2,2-Dichloropropane	20.000	16.852	15.7	88	0.00
32 M	1,1,1-Trichloroethane	20.000	19.092	4.5	100	0.00
33 M	Carbon Tetrachloride	20.000	18.561	7.2	98	0.00
34 M	Benzene	20.000	18.434	7.8	97	0.00
35	Methacrylonitrile	20.000	17.388	13.1	94	0.00
36 M	1,2-Dichloroethane	20.000	19.182	4.1	97	0.00
37 M	Trichloroethene	20.000	19.083	4.6	102	0.00
38	Methylcyclohexane	20.000	17.818	10.9	98	0.00
39 M	1,2-Dichloropropane	20.000	17.888	10.6	91	0.00
40	Dibromomethane	20.000	19.045	4.8	99	0.00
41 M	Bromodichloromethane	20.000	18.643	6.8	97	0.00
42 M	Vinyl Acetate	100.000	90.087	9.9	93	0.00
43	Ethyl Acetate	20.000	20.334	-1.7	106	0.00
44	Isopropyl Acetate	20.000	18.076	9.6	94	0.00
45 T	1,4-Dioxane	400.000	357.929	10.5	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.705	6.5	96	0.00
47	n-amyl Acetate	20.000	17.431	12.8	92	0.00
48 M	t-1,3-Dichloropropene	20.000	17.560	12.2	91	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.160	9.2	96	0.00
50 M	1,1,2-Trichloroethane	20.000	18.639	6.8	95	0.00
51	Ethyl methacrylate	20.000	17.562	12.2	92	0.00
52	1,3-Dichloropropane	20.000	18.505	7.5	95	0.00
53 M	Dibromochloromethane	20.000	18.348	8.3	96	0.00
54 M	1,2-Dibromoethane	20.000	17.868	10.7	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.280	7.7	96	0.00
56 M	Bromoform	20.000	17.373	13.1	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.233	5.8	96	0.00
59 M	2-Hexanone	100.000	92.225	7.8	95	0.00
60 S	4-Bromofluorobenzene	30.000	30.558	-1.9	98	0.00
61 M	Tetrachloroethene	20.000	19.347	3.3	101	0.00
62 M	Toluene	20.000	18.522	7.4	98	0.00
63 S	Toluene-d8	30.000	30.793	-2.6	100	0.00
64 M	Chlorobenzene	20.000	18.421	7.9	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.043	4.8	100	0.00
66 M	Ethyl Benzene	20.000	18.292	8.5	95	0.00
67 M	m/p-Xylenes	40.000	36.730	8.2	98	0.00
68 M	o-Xylene	20.000	17.991	10.0	97	0.00
69 M	Styrene	20.000	17.911	10.4	96	0.00
70	Isopropylbenzene	20.000	18.399	8.0	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.343	8.3	93	0.00
72	1,2,3-Trichloropropane	20.000	17.299	13.5	80	0.00
73	Bromobenzene	20.000	18.017	9.9	96	0.00
74	n-propylbenzene	20.000	17.808	11.0	95	0.00
75	2-Chlorotoluene	20.000	18.364	8.2	96	0.00
76	1,3,5-Trimethylbenzene	20.000	18.261	8.7	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.896	15.5	86	0.00
78	4-Chlorotoluene	20.000	18.047	9.8	96	0.00
79	tert-butylbenzene	20.000	17.746	11.3	96	0.00
80	1,2,4-Trimethylbenzene	20.000	18.297	8.5	97	0.00
81	sec-Butylbenzene	20.000	17.795	11.0	96	0.00
82	p-Isopropyltoluene	20.000	17.317	13.4	95	0.00
83 M	1,3-Dichlorobenzene	20.000	18.008	10.0	98	0.00
84 M	1,4-Dichlorobenzene	20.000	18.039	9.8	99	0.00
85	n-Butylbenzene	20.000	17.355	13.2	98	0.00
86 T	Hexachloroethane	20.000	17.621	11.9	95	0.00
87 M	1,2-Dichlorobenzene	20.000	18.229	8.9	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.478	7.6	96	0.00
89	1,2,4-Trichlorobenzene	20.000	17.233	13.8	98	0.00
90	Hexachlorobutadiene	20.000	17.610	12.0	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.006	10.0	97	0.00
92	1,2,3-Trichlorobenzene	20.000	17.359	13.2	96	0.00

(#) = Out of Range

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