

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112621\
 Data File : VN069649.D
 Acq On : 26 Nov 2021 10:22
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 29 00:14:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 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	116	0.00
2 M	Dichlorodifluoromethane	20.000	22.602	-13.0	113	0.00
3 M	Chloromethane	20.000	22.346	-11.7	115	0.00
4 M	Vinyl Chloride	20.000	20.941	-4.7	108	0.00
5 M	Bromomethane	20.000	18.916	5.4	98	0.00
6 M	Chloroethane	20.000	20.130	-0.6	102	0.00
7 M	Trichlorofluoromethane	20.000	19.448	2.8	98	0.00
8 T	Diethyl Ether	20.000	21.873	-9.4	116	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.145	-15.7	120	-0.01
10 M	1,1-Dichloroethene	20.000	22.367	-11.8	118	0.00
11	Methyl Iodide	20.000	21.876	-9.4	122	0.00
12	Methyl Acetate	20.000	21.635	-8.2	115	0.00
13 M	Acrolein	100.000	118.667	-18.7	142	0.00
14 M	Acrylonitrile	100.000	105.311	-5.3	118	0.00
15 M	Acetone	100.000	127.594	-27.6	118	0.00
16 M	Carbon Disulfide	20.000	21.129	-5.6	118	0.00
17	Allyl chloride	20.000	22.178	-10.9	122	0.00
18 M	Methylene Chloride	20.000	21.573	-7.9	117	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.983	-9.9	119	0.00
20 T	Diisopropyl ether	20.000	22.056	-10.3	121	0.00
21 M	1,1-Dichloroethane	20.000	22.326	-11.6	121	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.135	-5.7	115	0.00
23 M	tert-Butyl Alcohol	100.000	100.585	-0.6	116	0.00
24 M	Methyl tert-Butyl Ether	20.000	22.056	-10.3	120	0.00
25 M	Chloroform	20.000	22.024	-10.1	118	0.00
26	Cyclohexane	20.000	22.282	-11.4	119	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.999	-3.3	113	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	114	0.00
29	1,1-Dichloropropene	20.000	21.575	-7.9	117	0.00
30 M	2-Butanone	100.000	110.525	-10.5	118	0.00
31	2,2-Dichloropropane	20.000	21.329	-6.6	121	0.00
32 M	1,1,1-Trichloroethane	20.000	21.012	-5.1	118	0.00
33 M	Carbon Tetrachloride	20.000	21.100	-5.5	118	0.00
34 M	Benzene	20.000	21.258	-6.3	116	0.00
35	Methacrylonitrile	20.000	19.672	1.6	114	0.00
36 M	1,2-Dichloroethane	20.000	21.734	-8.7	117	0.00
37 M	Trichloroethene	20.000	21.114	-5.6	118	0.00
38	Methylcyclohexane	20.000	21.511	-7.6	119	0.00
39 M	1,2-Dichloropropane	20.000	21.737	-8.7	120	0.00
40	Dibromomethane	20.000	21.071	-5.4	118	0.00
41 M	Bromodichloromethane	20.000	20.986	-4.9	122	0.00
42 M	Vinyl Acetate	100.000	105.531	-5.5	119	0.00
43	Ethyl Acetate	20.000	19.667	1.7	114	0.00
44	Isopropyl Acetate	20.000	20.455	-2.3	116	0.00
45 T	1,4-Dioxane	400.000	376.555	5.9	108	0.00
46	Methyl methacrylate	20.000	20.503	-2.5	118	0.00
47	n-amyl Acetate	20.000	16.612	16.9	105	0.00
48 M	t-1,3-Dichloropropene	20.000	19.837	0.8	120	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.668	-3.3	121	0.00
50 M	1,1,2-Trichloroethane	20.000	20.566	-2.8	116	0.00
51	Ethyl methacrylate	20.000	19.148	4.3	114	0.00
52	1,3-Dichloropropane	20.000	20.812	-4.1	115	0.00
53 M	Dibromochloromethane	20.000	20.146	-0.7	123	0.00
54 M	1,2-Dibromoethane	20.000	19.658	1.7	112	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.784	5.2	126	0.00
56 M	Bromoform	20.000	19.029	4.9	125	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.994	-8.0	115	0.00
59 M	2-Hexanone	100.000	104.530	-4.5	112	0.00
60 S	4-Bromofluorobenzene	30.000	29.719	0.9	111	0.00
61 M	Tetrachloroethene	20.000	23.460	-17.3	122	0.00
62 M	Toluene	20.000	21.559	-7.8	111	0.00
63 S	Toluene-d8	30.000	30.346	-1.2	109	0.00
64 M	Chlorobenzene	20.000	21.580	-7.9	115	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.702	-8.5	117	0.00
66 M	Ethyl Benzene	20.000	21.592	-8.0	113	0.00
67 M	m/p-Xylenes	40.000	42.826	-7.1	112	0.00
68 M	o-Xylene	20.000	21.062	-5.3	110	0.00
69 M	Styrene	20.000	20.558	-2.8	111	0.00
70	Isopropylbenzene	20.000	21.340	-6.7	113	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.004	-5.0	113	0.00
72	1,2,3-Trichloropropane	20.000	19.620	1.9	108	0.00
73	Bromobenzene	20.000	20.767	-3.8	114	0.00
74	n-propylbenzene	20.000	20.728	-3.6	111	0.00
75	2-Chlorotoluene	20.000	21.105	-5.5	113	0.00
76	1,3,5-Trimethylbenzene	20.000	21.265	-6.3	113	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.783	11.1	117	0.00
78	4-Chlorotoluene	20.000	20.510	-2.6	112	0.00
79	tert-butylbenzene	20.000	20.884	-4.4	115	0.00
80	1,2,4-Trimethylbenzene	20.000	20.754	-3.8	110	0.00
81	sec-Butylbenzene	20.000	20.668	-3.3	112	0.00
82	p-Isopropyltoluene	20.000	20.351	-1.8	113	0.00
83 M	1,3-Dichlorobenzene	20.000	20.567	-2.8	114	0.00
84 M	1,4-Dichlorobenzene	20.000	20.172	-0.9	112	0.00
85	n-Butylbenzene	20.000	18.425	7.9	109	0.00
86 T	Hexachloroethane	20.000	19.898	0.5	120	0.00
87 M	1,2-Dichlorobenzene	20.000	20.542	-2.7	111	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.430	2.9	118	0.00
89	1,2,4-Trichlorobenzene	20.000	16.970	15.2	108	0.00
90	Hexachlorobutadiene	20.000	21.834	-9.2	120	0.00
91 M	Naphthalene	20.000	14.081	29.6	97	0.00
92	1,2,3-Trichlorobenzene	20.000	16.971	15.1	107	0.00

(#) = Out of Range

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