

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102521\
 Data File : VN069146.D
 Acq On : 25 Oct 2021 11:37
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 26 03:33:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 13:15:19 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	22.237	-11.2	93	0.00
3 M	Chloromethane	20.000	21.818	-9.1	92	0.00
4 M	Vinyl Chloride	20.000	21.228	-6.1	90	0.00
5 M	Bromomethane	20.000	21.211	-6.1	81	0.00
6 M	Chloroethane	20.000	20.687	-3.4	78	0.00
7 M	Trichlorofluoromethane	20.000	21.887	-9.4	91	0.00
8 T	Diethyl Ether	20.000	21.123	-5.6	87	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.320	-11.6	94	0.00
10 M	1,1-Dichloroethene	20.000	21.151	-5.8	90	0.00
11	Methyl Iodide	20.000	19.691	1.5	88	0.00
12	Methyl Acetate	20.000	20.252	-1.3	86	0.00
13 M	Acrolein	100.000	109.925	-9.9	98	0.00
14 M	Acrylonitrile	100.000	101.367	-1.4	86	0.00
15 M	Acetone	100.000	113.294	-13.3	83	0.00
16 M	Carbon Disulfide	20.000	21.239	-6.2	93	0.00
17	Allyl chloride	20.000	20.934	-4.7	89	0.00
18 M	Methylene Chloride	20.000	21.289	-6.4	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.935	-4.7	90	0.00
20 T	Diisopropyl ether	20.000	20.958	-4.8	90	0.00
21 M	1,1-Dichloroethane	20.000	21.544	-7.7	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.375	-6.9	92	0.00
23 M	tert-Butyl Alcohol	100.000	97.242	2.8	84	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.978	-4.9	90	0.00
25 M	Chloroform	20.000	21.545	-7.7	91	0.00
26	Cyclohexane	20.000	21.476	-7.4	92	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.752	-2.5	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	20.789	-3.9	92	0.00
30 M	2-Butanone	100.000	100.740	-0.7	84	0.00
31	2,2-Dichloropropane	20.000	20.937	-4.7	91	0.00
32 M	1,1,1-Trichloroethane	20.000	20.524	-2.6	90	0.00
33 M	Carbon Tetrachloride	20.000	21.053	-5.3	93	0.00
34 M	Benzene	20.000	20.593	-3.0	89	0.00
35	Methacrylonitrile	20.000	19.223	3.9	87	0.00
36 M	1,2-Dichloroethane	20.000	20.751	-3.8	92	0.00
37 M	Trichloroethene	20.000	20.451	-2.3	90	0.00
38	Methylcyclohexane	20.000	21.244	-6.2	93	0.00
39 M	1,2-Dichloropropane	20.000	20.721	-3.6	89	0.00
40	Dibromomethane	20.000	20.558	-2.8	91	0.00
41 M	Bromodichloromethane	20.000	20.650	-3.2	92	0.00
42 M	Vinyl Acetate	100.000	99.857	0.1	88	0.00
43	Ethyl Acetate	20.000	19.700	1.5	84	0.00
44	Isopropyl Acetate	20.000	19.474	2.6	85	0.00
45 T	1,4-Dioxane	400.000	401.009	-0.3	90	0.00
46	Methyl methacrylate	20.000	18.443	7.8	88	0.00
47	n-amyl Acetate	20.000	18.623	6.9	86	0.00
48 M	t-1,3-Dichloropropene	20.000	20.457	-2.3	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.356	-1.8	91	0.00
50 M	1,1,2-Trichloroethane	20.000	20.129	-0.6	89	0.00
51	Ethyl methacrylate	20.000	19.518	2.4	86	0.00
52	1,3-Dichloropropane	20.000	20.347	-1.7	89	0.00
53 M	Dibromochloromethane	20.000	20.312	-1.6	92	0.00
54 M	1,2-Dibromoethane	20.000	20.055	-0.3	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	81.066	18.9	76	0.00
56 M	Bromoform	20.000	19.425	2.9	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.649	-1.6	86	0.00
59 M	2-Hexanone	100.000	100.815	-0.8	84	0.00
60 S	4-Bromofluorobenzene	30.000	29.379	2.1	89	0.00
61 M	Tetrachloroethene	20.000	22.303	-11.5	96	0.00
62 M	Toluene	20.000	21.341	-6.7	90	0.00
63 S	Toluene-d8	30.000	30.657	-2.2	90	0.00
64 M	Chlorobenzene	20.000	20.885	-4.4	90	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.868	-4.3	90	0.00
66 M	Ethyl Benzene	20.000	21.351	-6.8	92	0.00
67 M	m/p-Xylenes	40.000	42.472	-6.2	91	0.00
68 M	o-Xylene	20.000	20.804	-4.0	90	0.00
69 M	Styrene	20.000	20.447	-2.2	91	0.00
70	Isopropylbenzene	20.000	21.035	-5.2	91	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.533	-2.7	86	0.00
72	1,2,3-Trichloropropane	20.000	19.858	0.7	93	0.00
73	Bromobenzene	20.000	20.476	-2.4	90	0.00
74	n-propylbenzene	20.000	21.251	-6.3	93	0.00
75	2-Chlorotoluene	20.000	21.109	-5.5	92	0.00
76	1,3,5-Trimethylbenzene	20.000	21.155	-5.8	92	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.367	3.2	88	0.00
78	4-Chlorotoluene	20.000	20.814	-4.1	93	0.00
79	tert-butylbenzene	20.000	21.248	-6.2	92	0.00
80	1,2,4-Trimethylbenzene	20.000	21.063	-5.3	91	0.00
81	sec-Butylbenzene	20.000	21.071	-5.4	92	0.00
82	p-Isopropyltoluene	20.000	20.947	-4.7	93	0.00
83 M	1,3-Dichlorobenzene	20.000	20.892	-4.5	94	0.00
84 M	1,4-Dichlorobenzene	20.000	20.413	-2.1	92	0.00
85	n-Butylbenzene	20.000	20.634	-3.2	95	0.00
86 T	Hexachloroethane	20.000	20.683	-3.4	93	0.00
87 M	1,2-Dichlorobenzene	20.000	21.011	-5.1	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.630	-3.1	91	0.00
89	1,2,4-Trichlorobenzene	20.000	19.473	2.6	92	0.00
90	Hexachlorobutadiene	20.000	21.631	-8.2	95	0.00
91 M	Naphthalene	20.000	17.792	11.0	86	0.00
92	1,2,3-Trichlorobenzene	20.000	19.718	1.4	92	0.00

(#) = Out of Range

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