

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101322\
 Data File : VN074898.D
 Acq On : 13 Oct 2022 16:45
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 14 05:06:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% 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	19.084	4.6	90	0.00
3 M	Chloromethane	20.000	20.135	-0.7	92	0.00
4 M	Vinyl Chloride	20.000	20.169	-0.8	90	0.00
5 M	Bromomethane	20.000	19.293	3.5	90	0.00
6 M	Chloroethane	20.000	22.272	-11.4	94	0.00
7 M	Trichlorofluoromethane	20.000	20.049	-0.2	92	0.00
8 T	Diethyl Ether	20.000	18.850	5.7	85	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.023	-0.1	92	0.00
10 M	1,1-Dichloroethene	20.000	19.339	3.3	94	0.00
11	Methyl Iodide	20.000	19.021	4.9	89	0.00
12	Methyl Acetate	20.000	18.146	9.3	87	0.00
13 M	Acrolein	100.000	97.031	3.0	95	0.00
14 M	Acrylonitrile	100.000	97.699	2.3	92	0.00
15 M	Acetone	100.000	90.672	9.3	85	0.00
16 M	Carbon Disulfide	20.000	18.852	5.7	89	0.00
17	Allyl chloride	20.000	17.099	14.5	74	0.00
18 M	Methylene Chloride	20.000	19.486	2.6	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.200	4.0	94	0.00
20 T	Diisopropyl ether	20.000	19.342	3.3	94	0.00
21 M	1,1-Dichloroethane	20.000	19.599	2.0	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.561	2.2	94	0.00
23 M	tert-Butyl Alcohol	100.000	85.766	14.2	82	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.513	2.4	94	0.00
25 M	Chloroform	20.000	19.979	0.1	100	0.00
26	Cyclohexane	20.000	19.757	1.2	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.393	-1.3	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	19.264	3.7	95	0.00
30 M	2-Butanone	100.000	94.041	6.0	89	0.00
31	2,2-Dichloropropane	20.000	18.436	7.8	91	0.00
32 M	1,1,1-Trichloroethane	20.000	19.350	3.2	93	0.00
33 M	Carbon Tetrachloride	20.000	19.870	0.6	93	0.00
34 M	Benzene	20.000	19.201	4.0	91	0.00
35	Methacrylonitrile	20.000	17.954	10.2	84	0.00
36 M	1,2-Dichloroethane	20.000	20.425	-2.1	99	0.00
37 M	Trichloroethene	20.000	20.060	-0.3	98	0.00
38	Methylcyclohexane	20.000	19.784	1.1	100	0.00
39 M	1,2-Dichloropropane	20.000	19.729	1.4	92	0.00
40	Dibromomethane	20.000	20.116	-0.6	98	0.00
41 M	Bromodichloromethane	20.000	18.823	5.9	91	0.00
42 M	Vinyl Acetate	100.000	101.432	-1.4	94	0.00
43	Ethyl Acetate	20.000	17.407	13.0	86	0.00
44	Isopropyl Acetate	20.000	19.048	4.8	92	0.00
45 T	1,4-Dioxane	400.000	360.458	9.9	85	0.00
46	Methyl methacrylate	20.000	18.441	7.8	89	0.00
47	n-amyl Acetate	20.000	18.639	6.8	94	0.00
48 M	t-1,3-Dichloropropene	20.000	18.533	7.3	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.975	5.1	96	0.00
50 M	1,1,2-Trichloroethane	20.000	19.225	3.9	93	0.00
51	Ethyl methacrylate	20.000	18.880	5.6	97	0.00
52	1,3-Dichloropropane	20.000	19.746	1.3	92	0.00
53 M	Dibromochloromethane	20.000	18.160	9.2	89	0.00
54 M	1,2-Dibromoethane	20.000	20.235	-1.2	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.165	8.8	95	0.00
56 M	Bromoform	20.000	17.570	12.1	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.022	4.0	91	0.00
59 M	2-Hexanone	100.000	91.535	8.5	87	0.00
60 S	4-Bromofluorobenzene	30.000	27.351	8.8	96	0.00
61 M	Tetrachloroethene	20.000	19.481	2.6	94	0.00
62 M	Toluene	20.000	19.446	2.8	92	0.00
63 S	Toluene-d8	30.000	30.560	-1.9	99	0.00
64 M	Chlorobenzene	20.000	19.884	0.6	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.885	5.6	92	0.00
66 M	Ethyl Benzene	20.000	19.419	2.9	95	0.00
67 M	m/p-Xylenes	40.000	39.822	0.4	98	0.00
68 M	o-Xylene	20.000	18.788	6.1	93	0.00
69 M	Styrene	20.000	18.620	6.9	96	0.00
70	Isopropylbenzene	20.000	19.012	4.9	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.970	5.2	92	0.00
72	1,2,3-Trichloropropane	20.000	20.135	-0.7	95	0.00
73	Bromobenzene	20.000	19.116	4.4	94	0.00
74	n-propylbenzene	20.000	19.179	4.1	98	0.00
75	2-Chlorotoluene	20.000	18.639	6.8	93	0.00
76	1,3,5-Trimethylbenzene	20.000	19.062	4.7	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.574	17.1	87	0.00
78	4-Chlorotoluene	20.000	18.773	6.1	98	0.00
79	tert-butylbenzene	20.000	18.878	5.6	97	0.00
80	1,2,4-Trimethylbenzene	20.000	19.274	3.6	100	0.00
81	sec-Butylbenzene	20.000	18.711	6.4	96	0.00
82	p-Isopropyltoluene	20.000	18.899	5.5	99	0.00
83 M	1,3-Dichlorobenzene	20.000	17.832	10.8	93	0.00
84 M	1,4-Dichlorobenzene	20.000	18.290	8.6	95	0.00
85	n-Butylbenzene	20.000	18.292	8.5	98	0.00
86 T	Hexachloroethane	20.000	18.773	6.1	93	0.00
87 M	1,2-Dichlorobenzene	20.000	18.580	7.1	94	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.832	5.8	96	0.01
89	1,2,4-Trichlorobenzene	20.000	18.813	5.9	101	0.00
90	Hexachlorobutadiene	20.000	18.763	6.2	98	0.00
91 M	Naphthalene	20.000	17.652	11.7	97	0.00
92	1,2,3-Trichlorobenzene	20.000	17.177	14.1	89	0.00

(#) = Out of Range

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