

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074367.D
 Acq On : 08 Sep 2022 19:05
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 09 05:39:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 09 05:24:20 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	81	0.00
2 M	Dichlorodifluoromethane	20.000	18.567	7.2	71	0.00
3 M	Chloromethane	20.000	19.695	1.5	74	0.00
4 M	Vinyl Chloride	20.000	21.907	-9.5	85	0.00
5 M	Bromomethane	20.000	23.946	-19.7	81	0.00
6 M	Chloroethane	20.000	24.351	-21.8	93	0.00
7 M	Trichlorofluoromethane	20.000	20.209	-1.0	77	0.00
8 T	Diethyl Ether	20.000	19.473	2.6	72	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.811	0.9	77	0.00
10 M	1,1-Dichloroethene	20.000	20.354	-1.8	77	0.00
11	Methyl Iodide	20.000	20.334	-1.7	77	0.00
12	Methyl Acetate	20.000	20.158	-0.8	81	0.00
13 M	Acrolein	100.000	113.992	-14.0	92	0.00
14 M	Acrylonitrile	100.000	104.694	-4.7	82	0.00
15 M	Acetone	100.000	106.819	-6.8	82	0.00
16 M	Carbon Disulfide	20.000	18.904	5.5	73	0.00
17	Allyl chloride	20.000	19.300	3.5	76	0.00
18 M	Methylene Chloride	20.000	19.521	2.4	78	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.045	4.8	75	0.00
20 T	Diisopropyl ether	20.000	19.961	0.2	76	0.00
21 M	1,1-Dichloroethane	20.000	19.617	1.9	76	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.061	4.7	74	0.00
23 M	tert-Butyl Alcohol	100.000	109.624	-9.6	83	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.660	1.7	76	0.00
25 M	Chloroform	20.000	19.408	3.0	75	0.00
26	Cyclohexane	20.000	19.493	2.5	73	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.954	-6.5	79	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	81	0.00
29	1,1-Dichloropropene	20.000	18.145	9.3	72	0.00
30 M	2-Butanone	100.000	103.975	-4.0	81	0.00
31	2,2-Dichloropropane	20.000	17.391	13.0	67	0.00
32 M	1,1,1-Trichloroethane	20.000	18.927	5.4	76	0.00
33 M	Carbon Tetrachloride	20.000	18.031	9.8	75	0.00
34 M	Benzene	20.000	18.514	7.4	73	0.00
35	Methacrylonitrile	20.000	21.169	-5.8	88	0.01
36 M	1,2-Dichloroethane	20.000	19.144	4.3	76	0.00
37 M	Trichloroethene	20.000	18.404	8.0	75	0.00
38	Methylcyclohexane	20.000	18.007	10.0	74	0.00
39 M	1,2-Dichloropropane	20.000	18.847	5.8	74	0.00
40	Dibromomethane	20.000	19.283	3.6	78	0.00
41 M	Bromodichloromethane	20.000	18.238	8.8	72	0.00
42 M	Vinyl Acetate	100.000	96.813	3.2	77	0.00
43	Ethyl Acetate	20.000	18.283	8.6	70	0.00
44	Isopropyl Acetate	20.000	19.743	1.3	78	0.00
45 T	1,4-Dioxane	400.000	378.208	5.4	74	0.00
46	Methyl methacrylate	20.000	19.686	1.6	79	0.00
47	n-amyl Acetate	20.000	19.102	4.5	77	0.00
48 M	t-1,3-Dichloropropene	20.000	17.303	13.5	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.782	11.1	72	0.00
50 M	1,1,2-Trichloroethane	20.000	18.950	5.3	78	0.00
51	Ethyl methacrylate	20.000	18.306	8.5	74	0.00
52	1,3-Dichloropropane	20.000	18.923	5.4	75	0.00
53 M	Dibromochloromethane	20.000	17.928	10.4	73	0.00
54 M	1,2-Dibromoethane	20.000	18.214	8.9	74	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.117	1.9	81	0.00
56 M	Bromoform	20.000	16.106	19.5	71	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	78	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.925	-4.9	79	0.00
59 M	2-Hexanone	100.000	103.974	-4.0	79	0.00
60 S	4-Bromofluorobenzene	30.000	27.963	6.8	74	0.00
61 M	Tetrachloroethene	20.000	17.851	10.7	71	0.00
62 M	Toluene	20.000	19.116	4.4	74	0.00
63 S	Toluene-d8	30.000	30.841	-2.8	79	0.00
64 M	Chlorobenzene	20.000	18.320	8.4	72	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.340	3.3	74	0.00
66 M	Ethyl Benzene	20.000	18.917	5.4	73	0.00
67 M	m/p-Xylenes	40.000	36.742	8.1	70	0.00
68 M	o-Xylene	20.000	18.292	8.5	72	0.00
69 M	Styrene	20.000	17.694	11.5	72	0.00
70	Isopropylbenzene	20.000	18.242	8.8	72	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.611	1.9	77	0.00
72	1,2,3-Trichloropropane	20.000	19.374	3.1	77	0.00
73	Bromobenzene	20.000	17.708	11.5	73	0.00
74	n-propylbenzene	20.000	18.150	9.3	73	0.00
75	2-Chlorotoluene	20.000	17.984	10.1	71	0.00
76	1,3,5-Trimethylbenzene	20.000	17.985	10.1	72	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.090	14.6	68	0.00
78	4-Chlorotoluene	20.000	18.048	9.8	73	0.00
79	tert-butylbenzene	20.000	18.170	9.1	72	0.00
80	1,2,4-Trimethylbenzene	20.000	17.927	10.4	71	0.00
81	sec-Butylbenzene	20.000	17.691	11.5	73	0.00
82	p-Isopropyltoluene	20.000	17.086	14.6	71	0.00
83 M	1,3-Dichlorobenzene	20.000	17.367	13.2	73	0.00
84 M	1,4-Dichlorobenzene	20.000	17.512	12.4	74	0.00
85	n-Butylbenzene	20.000	16.366	18.2	69	0.00
86 T	Hexachloroethane	20.000	17.991	10.0	73	0.00
87 M	1,2-Dichlorobenzene	20.000	17.437	12.8	72	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.347	3.3	75	0.00
89	1,2,4-Trichlorobenzene	20.000	16.438	17.8	71	0.00
90	Hexachlorobutadiene	20.000	17.518	12.4	72	0.00
91 M	Naphthalene	20.000	17.138	14.3	72	0.00
92	1,2,3-Trichlorobenzene	20.000	16.983	15.1	75	0.00

(#) = Out of Range

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