

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
 Data File : VN082024.D
 Acq On : 08 May 2024 09:33
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 09 01:00:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 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	75	0.00
2 M	Dichlorodifluoromethane	20.000	17.750	11.3	67	0.00
3 M	Chloromethane	20.000	19.981	0.1	77	0.00
4 M	Vinyl Chloride	20.000	20.434	-2.2	79	0.00
5 M	Bromomethane	20.000	18.666	6.7	70	0.00
6 M	Chloroethane	20.000	22.770	-13.8	84	0.00
7 M	Trichlorofluoromethane	20.000	18.066	9.7	67	0.00
8 T	Diethyl Ether	20.000	19.558	2.2	73	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.653	6.7	69	0.00
10 M	1,1-Dichloroethene	20.000	17.949	10.3	69	0.00
11	Methyl Iodide	20.000	16.982	15.1	73	0.00
12	Methyl Acetate	20.000	21.963	-9.8	84	0.00
13 M	Acrolein	100.000	77.860	22.1	61	0.00
14 M	Acrylonitrile	100.000	103.039	-3.0	77	0.00
15 M	Acetone	100.000	112.691	-12.7	82	0.00
16 M	Carbon Disulfide	20.000	17.396	13.0	68	0.00
17	Allyl chloride	20.000	20.388	-1.9	74	0.00
18 M	Methylene Chloride	20.000	19.933	0.3	78	-0.01
19 M	trans-1,2-Dichloroethene	20.000	18.620	6.9	74	-0.02
20 T	Diisopropyl ether	20.000	20.815	-4.1	79	0.00
21 M	1,1-Dichloroethane	20.000	21.091	-5.5	78	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.409	3.0	75	0.00
23 M	tert-Butyl Alcohol	100.000	94.798	5.2	68	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.396	3.0	71	0.00
25 M	Chloroform	20.000	20.405	-2.0	76	0.00
26	Cyclohexane	20.000	18.992	5.0	73	-0.01
27 s	1,2-Dichloroethane-d4	30.000	30.659	-2.2	78	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	75	0.00
29	1,1-Dichloropropene	20.000	19.016	4.9	72	0.00
30 M	2-Butanone	100.000	102.940	-2.9	76	0.00
31	2,2-Dichloropropane	20.000	23.865	-19.3	92	0.00
32 M	1,1,1-Trichloroethane	20.000	19.466	2.7	73	0.00
33 M	Carbon Tetrachloride	20.000	18.383	8.1	69	0.00
34 M	Benzene	20.000	20.006	-0.0	74	0.00
35	Methacrylonitrile	20.000	18.527	7.4	71	0.00
36 M	1,2-Dichloroethane	20.000	20.383	-1.9	78	0.00
37 M	Trichloroethene	20.000	16.953	15.2	65	0.00
38	Methylcyclohexane	20.000	19.182	4.1	72	0.00
39 M	1,2-Dichloropropane	20.000	21.699	-8.5	85	0.00
40	Dibromomethane	20.000	19.668	1.7	76	0.00
41 M	Bromodichloromethane	20.000	20.527	-2.6	79	0.00
42 M	Vinyl Acetate	100.000	101.049	-1.0	77	0.00
43	Ethyl Acetate	20.000	17.825	10.9	69	0.00
44	Isopropyl Acetate	20.000	20.099	-0.5	76	0.00
45 T	1,4-Dioxane	400.000	398.618	0.3	75	-0.01
46	Methyl methacrylate	20.000	19.445	2.8	74	0.00
47	n-amyl Acetate	20.000	19.991	0.0	77	0.00
48 M	t-1,3-Dichloropropene	20.000	19.446	2.8	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.493	-2.5	78	0.00
50 M	1,1,2-Trichloroethane	20.000	19.961	0.2	75	0.00
51	Ethyl methacrylate	20.000	19.638	1.8	75	0.00
52	1,3-Dichloropropane	20.000	20.690	-3.5	79	0.00
53 M	Dibromochloromethane	20.000	19.090	4.6	75	0.00
54 M	1,2-Dibromoethane	20.000	19.967	0.2	75	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.078	-6.1	80	0.00
56 M	Bromoform	20.000	17.486	12.6	67	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	79	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.797	-0.8	78	0.00
59 M	2-Hexanone	100.000	100.169	-0.2	77	0.00
60 S	4-Bromofluorobenzene	30.000	28.720	4.3	77	0.00
61 M	Tetrachloroethene	20.000	17.025	14.9	65	0.00
62 M	Toluene	20.000	18.705	6.5	73	0.00
63 S	Toluene-d8	30.000	30.745	-2.5	80	0.00
64 M	Chlorobenzene	20.000	19.287	3.6	75	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.217	3.9	74	0.00
66 M	Ethyl Benzene	20.000	18.892	5.5	72	0.00
67 M	m/p-Xylenes	40.000	38.976	2.6	75	0.00
68 M	o-Xylene	20.000	18.604	7.0	71	0.00
69 M	Styrene	20.000	19.158	4.2	75	0.00
70	Isopropylbenzene	20.000	18.747	6.3	72	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.175	-0.9	76	0.00
72	1,2,3-Trichloropropane	20.000	19.299	3.5	76	0.00
73	Bromobenzene	20.000	18.340	8.3	73	0.00
74	n-propylbenzene	20.000	19.561	2.2	75	0.00
75	2-Chlorotoluene	20.000	19.498	2.5	76	0.00
76	1,3,5-Trimethylbenzene	20.000	18.795	6.0	72	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.593	2.0	78	0.00
78	4-Chlorotoluene	20.000	18.784	6.1	74	0.00
79	tert-butylbenzene	20.000	18.394	8.0	70	0.00
80	1,2,4-Trimethylbenzene	20.000	18.572	7.1	73	0.00
81	sec-Butylbenzene	20.000	19.222	3.9	75	0.00
82	p-Isopropyltoluene	20.000	18.882	5.6	72	0.00
83 M	1,3-Dichlorobenzene	20.000	18.836	5.8	72	0.00
84 M	1,4-Dichlorobenzene	20.000	18.594	7.0	72	0.00
85	n-Butylbenzene	20.000	19.824	0.9	79	0.00
86 T	Hexachloroethane	20.000	18.565	7.2	72	0.00
87 M	1,2-Dichlorobenzene	20.000	19.131	4.3	75	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.719	11.4	66	0.00
89	1,2,4-Trichlorobenzene	20.000	17.082	14.6	68	0.00
90	Hexachlorobutadiene	20.000	15.062	24.7	62	0.00
91 M	Naphthalene	20.000	17.393	13.0	68	0.00
92	1,2,3-Trichlorobenzene	20.000	17.082	14.6	68	0.00

(#) = Out of Range

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