

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062023\
 Data File : VN078313.D
 Acq On : 20 Jun 2023 16:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleID :
 VSTDCCC050

Quant Time: Jun 21 05:48:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 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	Pentafluorobenzene	50.000	50.000	0.0	84	0.00
2 T	Dichlorodifluoromethane	50.000	39.044	21.9	72	0.00
3 P	Chloromethane	50.000	47.031	5.9	77	0.00
4 C	Vinyl Chloride	50.000	52.437	-4.9#	95	0.00
5 T	Bromomethane	50.000	48.565	2.9	87	0.00
6 T	Chloroethane	50.000	56.863	-13.7	104	0.00
7 T	Trichlorofluoromethane	50.000	62.847	-25.7#	114	0.00
8 T	Diethyl Ether	50.000	60.883	-21.8	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	65.623	-31.2#	118	0.00
10 T	Methyl Iodide	50.000	66.441	-32.9#	110	0.00
11 T	Tert butyl alcohol	250.000	321.648	-28.7#	114	0.00
12 CM	1,1-Dichloroethene	50.000	59.896	-19.8#	107	0.00
13 T	Acrolein	250.000	352.062	-40.8#	126	0.00
14 T	Allyl chloride	50.000	63.777	-27.6#	111	0.00
15 T	Acrylonitrile	250.000	353.004	-41.2#	119	0.00
16 T	Acetone	250.000	349.759	-39.9#	128	0.00
17 T	Carbon Disulfide	50.000	52.448	-4.9	94	0.00
18 T	Methyl Acetate	50.000	68.624	-37.2#	124	0.00
19 T	Methyl tert-butyl Ether	50.000	66.535	-33.1#	113	0.00
20 T	Methylene Chloride	50.000	62.483	-25.0	113	0.00
21 T	trans-1,2-Dichloroethene	50.000	60.545	-21.1	105	0.00
22 T	Diisopropyl ether	50.000	67.012	-34.0#	113	0.00
23 T	Vinyl Acetate	250.000	333.638	-33.5#	110	0.00
24 P	1,1-Dichloroethane	50.000	65.014	-30.0#	112	0.00
25 T	2-Butanone	250.000	282.455	-13.0	95	0.00
26 T	2,2-Dichloropropane	50.000	61.446	-22.9	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.864	2.3	86	0.00
28 T	Bromochloromethane	50.000	54.619	-9.2	93	0.00
29 T	Tetrahydrofuran	250.000	271.969	-8.8	91	0.00
30 C	Chloroform	50.000	53.606	-7.2#	91	0.00
31 T	Cyclohexane	50.000	42.831	14.3	77	0.00
32 T	1,1,1-Trichloroethane	50.000	52.520	-5.0	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.858	-3.7	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35 S	Dibromofluoromethane	50.000	52.262	-4.5	86	0.00
36 T	1,1-Dichloropropene	50.000	51.307	-2.6	86	0.00
37 T	Ethyl Acetate	50.000	56.759	-13.5	95	0.00
38 T	Carbon Tetrachloride	50.000	52.005	-4.0	87	0.00
39 T	Methylcyclohexane	50.000	39.279	21.4	66	0.00
40 TM	Benzene	50.000	52.164	-4.3	87	0.00
41 T	Methacrylonitrile	50.000	53.710	-7.4	94	0.00
42 TM	1,2-Dichloroethane	50.000	54.016	-8.0	92	0.00
43 T	Isopropyl Acetate	50.000	58.201	-16.4	104	0.00
44 TM	Trichloroethene	50.000	49.182	1.6	83	0.00
45 C	1,2-Dichloropropane	50.000	54.011	-8.0#	90	0.00
46 T	Dibromomethane	50.000	52.975	-6.0	90	0.00
47 T	Bromodichloromethane	50.000	58.268	-16.5	93	0.00
48 T	Methyl methacrylate	50.000	54.901	-9.8	90	0.00

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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)
49 T	1,4-Dioxane	1000.000	1064.205	-6.4	94	0.00
50 S	Toluene-d8	50.000	51.246	-2.5	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	296.671	-18.7	97	0.00
52 CM	Toluene	50.000	52.410	-4.8#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	58.794	-17.6	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.658	-15.3	93	0.00
55 T	1,1,2-Trichloroethane	50.000	57.326	-14.7	92	0.00
56 T	Ethyl methacrylate	50.000	57.691	-15.4	90	0.00
57 T	1,3-Dichloropropane	50.000	57.147	-14.3	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	250.359	-0.1	79	0.00
59 T	2-Hexanone	250.000	301.795	-20.7	97	0.00
60 T	Dibromochloromethane	50.000	57.433	-14.9	92	0.00
61 T	1,2-Dibromoethane	50.000	54.843	-9.7	89	0.00
62 S	4-Bromofluorobenzene	50.000	53.380	-6.8	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	43.869	12.3	80	0.00
65 PM	Chlorobenzene	50.000	50.371	-0.7	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.844	-5.7	89	0.00
67 C	Ethyl Benzene	50.000	51.817	-3.6#	88	0.00
68 T	m/p-Xylenes	100.000	101.073	-1.1	85	0.00
69 T	o-Xylene	50.000	50.620	-1.2	85	0.00
70 T	Styrene	50.000	53.323	-6.6	86	0.00
71 P	Bromoform	50.000	57.606	-15.2	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	45.897	8.2	85	0.00
74 T	N-amyl acetate	50.000	52.209	-4.4	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	58.552	-17.1	95	0.00
76 T	1,2,3-Trichloropropane	50.000	50.661	-1.3	95	0.00
77 T	Bromobenzene	50.000	47.400	5.2	86	0.00
78 T	n-propylbenzene	50.000	47.257	5.5	86	0.00
79 T	2-Chlorotoluene	50.000	47.403	5.2	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.235	9.5	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.078	-18.2	104	0.00
82 T	4-Chlorotoluene	50.000	48.573	2.9	87	0.00
83 T	tert-Butylbenzene	50.000	42.701	14.6	80	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.750	6.5	85	0.00
85 T	sec-Butylbenzene	50.000	42.076	15.8	78	0.00
86 T	p-Isopropyltoluene	50.000	42.078	15.8	76	0.00
87 T	1,3-Dichlorobenzene	50.000	46.788	6.4	84	0.00
88 T	1,4-Dichlorobenzene	50.000	47.689	4.6	86	0.00
89 T	n-Butylbenzene	50.000	41.768	16.5	76	0.00
90 T	Hexachloroethane	50.000	45.442	9.1	81	0.00
91 T	1,2-Dichlorobenzene	50.000	48.494	3.0	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.799	-3.6	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	42.516	15.0	67	0.00
94 T	Hexachlorobutadiene	50.000	43.475	13.0	75	0.00
95 T	Naphthalene	50.000	43.302	13.4	69	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	50.000	40.885	18.2	70	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6