

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079107.D
 Acq On : 29 Aug 2023 20:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 29 23:32:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	50.797	-1.6	104	0.00
3 P	Chloromethane	50.000	41.183	17.6	85	0.00
4 C	Vinyl Chloride	50.000	52.484	-5.0#	106	0.00
5 T	Bromomethane	50.000	49.088	1.8	105	-0.02
6 T	Chloroethane	50.000	49.999	0.0	105	-0.01
7 T	Trichlorofluoromethane	50.000	55.046	-10.1	110	-0.02
8 T	Diethyl Ether	50.000	54.331	-8.7	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.635	-5.3	106	-0.01
10 T	Methyl Iodide	50.000	60.912	-21.8	114	0.00
11 T	Tert butyl alcohol	250.000	265.884	-6.4	108	-0.01
12 CM	1,1-Dichloroethene	50.000	51.921	-3.8#	104	-0.01
13 T	Acrolein	250.000	226.915	9.2	92	-0.01
14 T	Allyl chloride	50.000	52.271	-4.5	100	-0.01
15 T	Acrylonitrile	250.000	270.374	-8.1	107	0.00
16 T	Acetone	250.000	251.969	-0.8	98	0.00
17 T	Carbon Disulfide	50.000	52.457	-4.9	107	-0.02
18 T	Methyl Acetate	50.000	52.310	-4.6	106	-0.01
19 T	Methyl tert-butyl Ether	50.000	54.138	-8.3	106	-0.01
20 T	Methylene Chloride	50.000	52.015	-4.0	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.445	-6.9	106	0.00
22 T	Diisopropyl ether	50.000	52.881	-5.8	103	-0.01
23 T	Vinyl Acetate	250.000	263.601	-5.4	101	0.00
24 P	1,1-Dichloroethane	50.000	51.692	-3.4	104	0.00
25 T	2-Butanone	250.000	268.434	-7.4	105	0.00
26 T	2,2-Dichloropropane	50.000	41.632	16.7	82	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.612	-3.2	105	0.00
28 T	Bromochloromethane	50.000	48.853	2.3	96	0.00
29 T	Tetrahydrofuran	250.000	278.610	-11.4	111	0.00
30 C	Chloroform	50.000	53.994	-8.0#	107	0.00
31 T	Cyclohexane	50.000	54.245	-8.5	105	0.00
32 T	1,1,1-Trichloroethane	50.000	53.711	-7.4	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.484	1.0	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	54.201	-8.4	104	0.00
36 T	1,1-Dichloropropene	50.000	55.592	-11.2	105	0.00
37 T	Ethyl Acetate	50.000	56.180	-12.4	105	0.00
38 T	Carbon Tetrachloride	50.000	57.070	-14.1	109	0.00
39 T	Methylcyclohexane	50.000	57.762	-15.5	109	0.00
40 TM	Benzene	50.000	54.215	-8.4	104	0.00
41 T	Methacrylonitrile	50.000	55.929	-11.9	104	0.00
42 TM	1,2-Dichloroethane	50.000	55.434	-10.9	108	0.00
43 T	Isopropyl Acetate	50.000	55.438	-10.9	107	0.00
44 TM	Trichloroethene	50.000	56.675	-13.3	110	0.00
45 C	1,2-Dichloropropane	50.000	54.902	-9.8#	104	0.00
46 T	Dibromomethane	50.000	54.560	-9.1	108	0.00
47 T	Bromodichloromethane	50.000	55.188	-10.4	107	0.00
48 T	Methyl methacrylate	50.000	54.942	-9.9	107	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	1172.341	-17.2	112	0.00
50 S	Toluene-d8	50.000	51.187	-2.4	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	278.761	-11.5	106	0.00
52 CM	Toluene	50.000	56.592	-13.2#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	54.297	-8.6	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.528	-7.1	102	0.00
55 T	1,1,2-Trichloroethane	50.000	55.718	-11.4	108	0.00
56 T	Ethyl methacrylate	50.000	55.986	-12.0	103	0.00
57 T	1,3-Dichloropropane	50.000	55.668	-11.3	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	221.287	11.5	84	0.00
59 T	2-Hexanone	250.000	285.239	-14.1	107	0.00
60 T	Dibromochloromethane	50.000	58.403	-16.8	112	0.00
61 T	1,2-Dibromoethane	50.000	56.724	-13.4	110	0.00
62 S	4-Bromofluorobenzene	50.000	55.488	-11.0	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	57.760	-15.5	116	0.00
65 PM	Chlorobenzene	50.000	55.928	-11.9	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.023	-12.0	106	0.00
67 C	Ethyl Benzene	50.000	54.125	-8.3#	104	0.00
68 T	m/p-Xylenes	100.000	112.053	-12.1	106	0.00
69 T	o-Xylene	50.000	56.296	-12.6	104	0.00
70 T	Styrene	50.000	56.176	-12.4	103	0.00
71 P	Bromoform	50.000	60.135	-20.3	113	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	50.913	-1.8	104	0.00
74 T	N-ethyl acetate	50.000	50.597	-1.2	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.103	-0.2	107	0.00
76 T	1,2,3-Trichloropropane	50.000	50.153	-0.3	106	0.00
77 T	Bromobenzene	50.000	52.437	-4.9	107	0.00
78 T	n-propylbenzene	50.000	52.142	-4.3	104	0.00
79 T	2-Chlorotoluene	50.000	50.940	-1.9	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.509	-7.0	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.177	5.6	93	0.00
82 T	4-Chlorotoluene	50.000	50.464	-0.9	101	0.00
83 T	tert-Butylbenzene	50.000	55.631	-11.3	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.428	-8.9	108	0.00
85 T	sec-Butylbenzene	50.000	54.899	-9.8	111	0.00
86 T	p-Isopropyltoluene	50.000	56.353	-12.7	111	0.00
87 T	1,3-Dichlorobenzene	50.000	54.206	-8.4	107	0.00
88 T	1,4-Dichlorobenzene	50.000	51.949	-3.9	105	0.00
89 T	n-Butylbenzene	50.000	55.013	-10.0	105	0.00
90 T	Hexachloroethane	50.000	55.229	-10.5	119	0.00
91 T	1,2-Dichlorobenzene	50.000	52.798	-5.6	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.635	-11.3	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	58.040	-16.1	110	0.00
94 T	Hexachlorobutadiene	50.000	62.408	-24.8	123	0.00
95 T	Naphthalene	50.000	46.675	6.7	94	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.939	-11.9	108	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6