

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN083008.D
 Acq On : 22 Jul 2024 17:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 23 08:30:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 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	Pentafluorobenzene	50.000	50.000	0.0	53	0.00
2 T	Dichlorodifluoromethane	50.000	46.554	6.9	48	0.00
3 P	Chloromethane	50.000	40.236	19.5	45	0.00
4 C	Vinyl Chloride	50.000	49.709	0.6#	53	0.00
5 T	Bromomethane	50.000	44.993	10.0	51	-0.02
6 T	Chloroethane	50.000	57.935	-15.9	64	-0.01
7 T	Trichlorofluoromethane	50.000	50.665	-1.3	57	-0.01
8 T	Diethyl Ether	50.000	51.161	-2.3	52	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.719	-7.4	57	-0.02
10 T	Methyl Iodide	50.000	46.164	7.7	45	0.00
11 T	Tert butyl alcohol	250.000	244.663	2.1	53	0.01
12 CM	1,1-Dichloroethene	50.000	50.525	-1.0#	54	0.00
13 T	Acrolein	250.000	239.965	4.0	53	0.00
14 T	Allyl chloride	50.000	50.371	-0.7	57	0.00
15 T	Acrylonitrile	250.000	284.405	-13.8	62	0.00
16 T	Acetone	250.000	259.675	-3.9	58	0.00
17 T	Carbon Disulfide	50.000	41.050	17.9	46	0.00
18 T	Methyl Acetate	50.000	69.744	-39.5#	79	0.00
19 T	Methyl tert-butyl Ether	50.000	53.245	-6.5	56	0.00
20 T	Methylene Chloride	50.000	51.174	-2.3	58	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.681	2.6	54	0.00
22 T	Diisopropyl ether	50.000	56.433	-12.9	60	0.00
23 T	Vinyl Acetate	250.000	266.211	-6.5	55	0.00
24 P	1,1-Dichloroethane	50.000	54.596	-9.2	59	0.00
25 T	2-Butanone	250.000	280.951	-12.4	61	0.00
26 T	2,2-Dichloropropane	50.000	50.791	-1.6	53	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.010	-4.0	56	0.00
28 T	Bromochloromethane	50.000	58.255	-16.5	66	0.00
29 T	Tetrahydrofuran	250.000	286.908	-14.8	62	0.00
30 C	Chloroform	50.000	55.645	-11.3#	61	0.00
31 T	Cyclohexane	50.000	43.716	12.6	51	0.00
32 T	1,1,1-Trichloroethane	50.000	53.499	-7.0	58	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.164	-4.3	58	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	55	0.00
35 S	Dibromofluoromethane	50.000	51.731	-3.5	57	0.00
36 T	1,1-Dichloropropene	50.000	51.928	-3.9	55	0.00
37 T	Ethyl Acetate	50.000	54.318	-8.6	60	0.00
38 T	Carbon Tetrachloride	50.000	50.867	-1.7	55	0.00
39 T	Methylcyclohexane	50.000	44.839	10.3	47	0.00
40 TM	Benzene	50.000	52.679	-5.4	58	0.00
41 T	Methacrylonitrile	50.000	53.407	-6.8	59	0.00
42 TM	1,2-Dichloroethane	50.000	55.373	-10.7	61	0.00
43 T	Isopropyl Acetate	50.000	50.178	-0.4	55	0.00
44 TM	Trichloroethene	50.000	48.417	3.2	53	0.00
45 C	1,2-Dichloropropane	50.000	57.129	-14.3#	61	0.00
46 T	Dibromomethane	50.000	55.732	-11.5	60	0.00
47 T	Bromodichloromethane	50.000	56.315	-12.6	62	0.00
48 T	Methyl methacrylate	50.000	56.652	-13.3	61	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1132.726	-13.3	62	0.00
50 S	Toluene-d8	50.000	52.106	-4.2	56	0.00
51 T	4-Methyl-2-Pentanone	250.000	302.661	-21.1	65	0.00
52 CM	Toluene	50.000	54.368	-8.7#	57	0.00
53 T	t-1,3-Dichloropropene	50.000	54.109	-8.2	57	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.245	-4.5	57	0.00
55 T	1,1,2-Trichloroethane	50.000	60.301	-20.6	64	0.00
56 T	Ethyl methacrylate	50.000	59.918	-19.8	60	0.00
57 T	1,3-Dichloropropane	50.000	56.517	-13.0	61	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	320.453	-28.2#	65	0.00
59 T	2-Hexanone	250.000	312.779	-25.1#	65	0.00
60 T	Dibromochloromethane	50.000	56.274	-12.5	60	0.00
61 T	1,2-Dibromoethane	50.000	55.363	-10.7	59	0.00
62 S	4-Bromofluorobenzene	50.000	48.586	2.8	53	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	56	0.00
64 T	Tetrachloroethene	50.000	45.409	9.2	53	0.00
65 PM	Chlorobenzene	50.000	51.294	-2.6	58	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.215	-6.4	60	0.00
67 C	Ethyl Benzene	50.000	52.088	-4.2#	57	0.00
68 T	m/p-Xylenes	100.000	107.309	-7.3	57	0.00
69 T	o-Xylene	50.000	53.961	-7.9	58	0.00
70 T	Styrene	50.000	57.431	-14.9	59	0.00
71 P	Bromoform	50.000	55.124	-10.2	59	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	60	0.00
73 T	Isopropylbenzene	50.000	48.485	3.0	56	0.00
74 T	N-amyl acetate	50.000	52.997	-6.0	61	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.877	-9.8	68	0.00
76 T	1,2,3-Trichloropropane	50.000	63.190	-26.4#	77	0.00
77 T	Bromobenzene	50.000	48.777	2.4	60	0.00
78 T	n-propylbenzene	50.000	50.868	-1.7	59	0.00
79 T	2-Chlorotoluene	50.000	49.029	1.9	59	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.630	-1.3	58	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.756	-13.5	62	0.00
82 T	4-Chlorotoluene	50.000	49.559	0.9	60	0.00
83 T	tert-Butylbenzene	50.000	48.275	3.5	56	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.352	-2.7	58	0.00
85 T	sec-Butylbenzene	50.000	48.979	2.0	56	0.00
86 T	p-Isopropyltoluene	50.000	49.578	0.8	56	0.00
87 T	1,3-Dichlorobenzene	50.000	49.742	0.5	60	0.00
88 T	1,4-Dichlorobenzene	50.000	47.474	5.1	59	0.00
89 T	n-Butylbenzene	50.000	48.032	3.9	56	0.00
90 T	Hexachloroethane	50.000	48.896	2.2	59	0.00
91 T	1,2-Dichlorobenzene	50.000	49.431	1.1	61	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.478	5.0	59	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.317	11.4	52	0.00
94 T	Hexachlorobutadiene	50.000	42.148	15.7	52	0.00
95 T	Naphthalene	50.000	46.479	7.0	54	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.834	10.3	54	0.00

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