

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080591.D
 Acq On : 21 Dec 2023 22:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 22 04:11:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 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	117	0.00
2 T	Dichlorodifluoromethane	50.000	47.328	5.3	113	0.00
3 P	Chloromethane	50.000	46.012	8.0	107	0.00
4 C	Vinyl Chloride	50.000	56.017	-12.0#	132	0.00
5 T	Bromomethane	50.000	41.217	17.6	103	0.00
6 T	Chloroethane	50.000	54.963	-9.9	137	0.00
7 T	Trichlorofluoromethane	50.000	45.216	9.6	109	0.00
8 T	Diethyl Ether	50.000	52.675	-5.3	127	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.324	1.4	114	0.00
10 T	Methyl Iodide	50.000	30.960	38.1#	68	0.00
11 T	Tert butyl alcohol	250.000	270.850	-8.3	125	0.00
12 CM	1,1-Dichloroethene	50.000	50.157	-0.3#	122	0.00
13 T	Acrolein	250.000	333.335	-33.3#	171	0.00
14 T	Allyl chloride	50.000	55.733	-11.5	134	0.00
15 T	Acrylonitrile	250.000	311.898	-24.8	145	0.00
16 T	Acetone	250.000	380.216	-52.1#	149	0.00
17 T	Carbon Disulfide	50.000	46.024	8.0	113	0.00
18 T	Methyl Acetate	50.000	70.332	-40.7#	164	0.00
19 T	Methyl tert-butyl Ether	50.000	52.733	-5.5	123	0.00
20 T	Methylene Chloride	50.000	51.541	-3.1	126	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.354	-0.7	122	0.01
22 T	Diisopropyl ether	50.000	62.707	-25.4#	146	0.00
23 T	Vinyl Acetate	250.000	284.875	-14.0	132	0.00
24 P	1,1-Dichloroethane	50.000	56.136	-12.3	132	0.00
25 T	2-Butanone	250.000	342.794	-37.1#	153	0.00
26 T	2,2-Dichloropropane	50.000	43.467	13.1	103	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.078	-8.2	127	0.00
28 T	Bromochloromethane	50.000	58.391	-16.8	137	0.00
29 T	Tetrahydrofuran	250.000	326.236	-30.5#	154	0.00
30 C	Chloroform	50.000	52.835	-5.7#	123	0.00
31 T	Cyclohexane	50.000	48.731	2.5	123	0.00
32 T	1,1,1-Trichloroethane	50.000	48.084	3.8	112	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.330	3.3	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	127	0.00
35 S	Dibromofluoromethane	50.000	48.455	3.1	112	0.00
36 T	1,1-Dichloropropene	50.000	48.264	3.5	121	0.00
37 T	Ethyl Acetate	50.000	57.275	-14.5	147	0.00
38 T	Carbon Tetrachloride	50.000	42.670	14.7	107	0.00
39 T	Methylcyclohexane	50.000	44.379	11.2	110	0.00
40 TM	Benzene	50.000	51.009	-2.0	130	0.00
41 T	Methacrylonitrile	50.000	60.744	-21.5	152	0.00
42 TM	1,2-Dichloroethane	50.000	45.979	8.0	116	0.00
43 T	Isopropyl Acetate	50.000	57.553	-15.1	143	0.00
44 TM	Trichloroethene	50.000	48.053	3.9	121	0.00
45 C	1,2-Dichloropropane	50.000	55.601	-11.2#	141	0.00
46 T	Dibromomethane	50.000	49.346	1.3	125	0.00
47 T	Bromodichloromethane	50.000	50.505	-1.0	124	0.00
48 T	Methyl methacrylate	50.000	55.850	-11.7	138	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	986.046	1.4	126	0.00
50 S	Toluene-d8	50.000	47.950	4.1	110	0.00
51 T	4-Methyl-2-Pentanone	250.000	301.424	-20.6	150	0.00
52 CM	Toluene	50.000	50.005	-0.0#	125	0.00
53 T	t-1,3-Dichloropropene	50.000	48.686	2.6	119	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.349	-0.7	123	0.00
55 T	1,1,2-Trichloroethane	50.000	53.330	-6.7	131	0.00
56 T	Ethyl methacrylate	50.000	53.920	-7.8	130	0.00
57 T	1,3-Dichloropropane	50.000	53.581	-7.2	134	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	281.626	-12.7	119	0.00
59 T	2-Hexanone	250.000	297.329	-18.9	148	0.00
60 T	Dibromochloromethane	50.000	49.536	0.9	121	0.00
61 T	1,2-Dibromoethane	50.000	50.761	-1.5	128	0.00
62 S	4-Bromofluorobenzene	50.000	45.339	9.3	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	122	0.00
64 T	Tetrachloroethene	50.000	45.313	9.4	111	0.00
65 PM	Chlorobenzene	50.000	49.871	0.3	122	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.551	2.9	117	0.00
67 C	Ethyl Benzene	50.000	48.693	2.6#	118	0.00
68 T	m/p-Xylenes	100.000	98.863	1.1	118	0.00
69 T	o-Xylene	50.000	49.243	1.5	118	0.00
70 T	Styrene	50.000	51.215	-2.4	119	0.00
71 P	Bromoform	50.000	47.298	5.4	110	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	117	0.00
73 T	Isopropylbenzene	50.000	49.621	0.8	115	0.00
74 T	N-amyl acetate	50.000	59.383	-18.8	136	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.429	-14.9	138	0.00
76 T	1,2,3-Trichloropropane	50.000	52.871	-5.7	126	0.00
77 T	Bromobenzene	50.000	48.849	2.3	113	0.00
78 T	n-propylbenzene	50.000	51.042	-2.1	114	0.00
79 T	2-Chlorotoluene	50.000	49.571	0.9	112	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.436	3.1	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.346	17.3	96	0.00
82 T	4-Chlorotoluene	50.000	48.762	2.5	112	0.00
83 T	tert-Butylbenzene	50.000	48.128	3.7	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.616	0.8	109	0.00
85 T	sec-Butylbenzene	50.000	49.322	1.4	110	0.00
86 T	p-Isopropyltoluene	50.000	48.715	2.6	105	0.00
87 T	1,3-Dichlorobenzene	50.000	47.959	4.1	112	0.00
88 T	1,4-Dichlorobenzene	50.000	47.592	4.8	113	0.00
89 T	n-Butylbenzene	50.000	48.748	2.5	107	0.00
90 T	Hexachloroethane	50.000	45.712	8.6	105	0.00
91 T	1,2-Dichlorobenzene	50.000	49.784	0.4	124	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.653	2.7	122	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.482	3.0	115	0.00
94 T	Hexachlorobutadiene	50.000	39.550	20.9	101	0.00
95 T	Naphthalene	50.000	51.293	-2.6	122	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	48.032	3.9	113	0.00

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