

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076218.D
 Acq On : 12 Jan 2023 09:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 13 01:53:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 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	129	0.00
2 T	Dichlorodifluoromethane	50.000	61.564	-23.1	159	0.00
3 P	Chloromethane	50.000	46.619	6.8	127	0.00
4 C	Vinyl Chloride	50.000	49.435	1.1#	129	0.00
5 T	Bromomethane	50.000	46.070	7.9	119	0.00
6 T	Chloroethane	50.000	47.500	5.0	125	0.00
7 T	Trichlorofluoromethane	50.000	49.423	1.2	126	0.00
8 T	Diethyl Ether	50.000	48.250	3.5	120	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.073	-0.1	127	0.00
10 T	Methyl Iodide	50.000	47.254	5.5	118	0.00
11 T	Tert butyl alcohol	250.000	203.725	18.5	103	0.00
12 CM	1,1-Dichloroethene	50.000	48.436	3.1#	123	0.00
13 T	Acrolein	250.000	162.778	34.9#	82	0.00
14 T	Allyl chloride	50.000	46.442	7.1	108	0.00
15 T	Acrylonitrile	250.000	224.314	10.3	115	0.00
16 T	Acetone	250.000	225.231	9.9	123	0.00
17 T	Carbon Disulfide	50.000	43.972	12.1	113	0.00
18 T	Methyl Acetate	50.000	47.440	5.1	123	0.00
19 T	Methyl tert-butyl Ether	50.000	49.975	0.0	121	0.00
20 T	Methylene Chloride	50.000	47.510	5.0	120	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.532	6.9	119	0.00
22 T	Diisopropyl ether	50.000	49.199	1.6	120	0.00
23 T	Vinyl Acetate	250.000	235.479	5.8	112	0.00
24 P	1,1-Dichloroethane	50.000	47.190	5.6	121	0.00
25 T	2-Butanone	250.000	227.353	9.1	115	0.00
26 T	2,2-Dichloropropane	50.000	49.298	1.4	122	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.664	4.7	118	0.00
28 T	Bromochloromethane	50.000	41.122	17.8	107	0.00
29 T	Tetrahydrofuran	250.000	229.148	8.3	112	0.00
30 C	Chloroform	50.000	46.451	7.1#	118	0.00
31 T	Cyclohexane	50.000	44.224	11.6	121	0.00
32 T	1,1,1-Trichloroethane	50.000	48.068	3.9	118	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.839	12.3	110	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	124	0.00
35 S	Dibromofluoromethane	50.000	46.885	6.2	115	0.00
36 T	1,1-Dichloropropene	50.000	50.155	-0.3	119	0.00
37 T	Ethyl Acetate	50.000	46.197	7.6	113	0.00
38 T	Carbon Tetrachloride	50.000	50.892	-1.8	120	0.00
39 T	Methylcyclohexane	50.000	53.325	-6.7	120	0.00
40 TM	Benzene	50.000	49.094	1.8	119	0.00
41 T	Methacrylonitrile	50.000	47.621	4.8	108	0.00
42 TM	1,2-Dichloroethane	50.000	49.204	1.6	118	0.00
43 T	Isopropyl Acetate	50.000	48.988	2.0	113	0.00
44 TM	Trichloroethene	50.000	48.417	3.2	123	0.00
45 C	1,2-Dichloropropane	50.000	48.016	4.0#	117	0.00
46 T	Dibromomethane	50.000	47.724	4.6	114	0.00
47 T	Bromodichloromethane	50.000	49.549	0.9	117	0.00
48 T	Methyl methacrylate	50.000	50.993	-2.0	114	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	916.005	8.4	106	0.00
50 S	Toluene-d8	50.000	44.688	10.6	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.844	3.7	110	0.00
52 CM	Toluene	50.000	49.401	1.2#	115	0.00
53 T	t-1,3-Dichloropropene	50.000	51.062	-2.1	113	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.984	-4.0	118	0.00
55 T	1,1,2-Trichloroethane	50.000	49.417	1.2	117	0.00
56 T	Ethyl methacrylate	50.000	51.086	-2.2	112	0.00
57 T	1,3-Dichloropropane	50.000	48.926	2.1	116	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	224.512	10.2	102	0.00
59 T	2-Hexanone	250.000	240.902	3.6	109	0.00
60 T	Dibromochloromethane	50.000	50.433	-0.9	115	0.00
61 T	1,2-Dibromoethane	50.000	49.315	1.4	113	0.00
62 S	4-Bromofluorobenzene	50.000	48.336	3.3	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	124	0.00
64 T	Tetrachloroethene	50.000	52.988	-6.0	136	0.00
65 PM	Chlorobenzene	50.000	48.121	3.8	118	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.468	1.1	117	0.00
67 C	Ethyl Benzene	50.000	50.356	-0.7#	116	0.00
68 T	m/p-Xylenes	100.000	103.284	-3.3	118	0.00
69 T	o-Xylene	50.000	50.479	-1.0	115	0.00
70 T	Styrene	50.000	52.775	-5.5	116	0.00
71 P	Bromoform	50.000	52.078	-4.2	115	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	123	0.00
73 T	Isopropylbenzene	50.000	49.666	0.7	117	0.00
74 T	N-amyl acetate	50.000	47.994	4.0	108	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	42.534	14.9	110	0.00
76 T	1,2,3-Trichloropropane	50.000	42.387	15.2	103	0.00
77 T	Bromobenzene	50.000	46.756	6.5	117	0.00
78 T	n-propylbenzene	50.000	51.821	-3.6	119	0.00
79 T	2-Chlorotoluene	50.000	47.931	4.1	117	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.702	-1.4	119	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.897	2.2	109	0.00
82 T	4-Chlorotoluene	50.000	47.931	4.1	117	0.00
83 T	tert-Butylbenzene	50.000	50.856	-1.7	118	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.196	-2.4	118	0.00
85 T	sec-Butylbenzene	50.000	52.630	-5.3	119	0.00
86 T	p-Isopropyltoluene	50.000	54.314	-8.6	119	0.00
87 T	1,3-Dichlorobenzene	50.000	49.060	1.9	119	0.00
88 T	1,4-Dichlorobenzene	50.000	47.658	4.7	119	0.00
89 T	n-Butylbenzene	50.000	54.898	-9.8	118	0.00
90 T	Hexachloroethane	50.000	51.752	-3.5	116	0.00
91 T	1,2-Dichlorobenzene	50.000	48.406	3.2	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.286	17.4	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.752	-1.5	114	0.00
94 T	Hexachlorobutadiene	50.000	49.978	0.0	116	0.00
95 T	Naphthalene	50.000	42.134	15.7	107	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	51.589	-3.2	113	0.00

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