

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068914.D
 Acq On : 13 Oct 2021 22:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 14 06:45:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	40.918	18.2	75	0.00
3 P	Chloromethane	50.000	45.644	8.7	77	0.00
4 C	Vinyl Chloride	50.000	51.239	-2.5#	84	0.00
5 T	Bromomethane	50.000	52.979	-6.0	84	0.00
6 T	Chloroethane	50.000	52.736	-5.5	86	0.00
7 T	Trichlorofluoromethane	50.000	46.724	6.6	78	0.00
8 T	Diethyl Ether	50.000	45.936	8.1	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.152	7.7	77	0.00
10 T	Methyl Iodide	50.000	43.545	12.9	73	0.00
11 T	Tert butyl alcohol	250.000	206.014	17.6	73	0.00
12 CM	1,1-Dichloroethene	50.000	45.394	9.2#	79	0.00
13 T	Acrolein	250.000	181.150	27.5#	71	0.00
14 T	Allyl chloride	50.000	43.808	12.4	72	0.00
15 T	Acrylonitrile	250.000	230.016	8.0	76	0.00
16 T	Acetone	250.000	195.450	21.8	65	0.00
17 T	Carbon Disulfide	50.000	44.632	10.7	74	0.00
18 T	Methyl Acetate	50.000	46.197	7.6	78	0.00
19 T	Methyl tert-butyl Ether	50.000	47.343	5.3	78	0.00
20 T	Methylene Chloride	50.000	45.426	9.1	78	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.388	9.2	77	0.00
22 T	Diisopropyl ether	50.000	47.511	5.0	76	0.00
23 T	Vinyl Acetate	250.000	235.131	5.9	76	0.00
24 P	1,1-Dichloroethane	50.000	46.214	7.6	78	0.00
25 T	2-Butanone	250.000	224.557	10.2	73	0.00
26 T	2,2-Dichloropropane	50.000	39.440	21.1	66	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.443	9.1	77	0.00
28 T	Bromochloromethane	50.000	45.671	8.7	81	0.00
29 T	Tetrahydrofuran	250.000	239.836	4.1	77	0.00
30 C	Chloroform	50.000	47.832	4.3#	79	0.00
31 T	Cyclohexane	50.000	41.650	16.7	74	0.00
32 T	1,1,1-Trichloroethane	50.000	47.086	5.8	78	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.716	4.6	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	51.843	-3.7	96	0.00
36 T	1,1-Dichloropropene	50.000	49.302	1.4	78	0.00
37 T	Ethyl Acetate	50.000	49.273	1.5	77	0.00
38 T	Carbon Tetrachloride	50.000	49.472	1.1	78	0.00
39 T	Methylcyclohexane	50.000	47.175	5.7	74	0.00
40 TM	Benzene	50.000	49.770	0.5	78	0.00
41 T	Methacrylonitrile	50.000	48.073	3.9	74	0.00
42 TM	1,2-Dichloroethane	50.000	49.773	0.5	78	0.00
43 T	Isopropyl Acetate	50.000	49.809	0.4	77	0.00
44 TM	Trichloroethene	50.000	50.149	-0.3	79	0.00
45 C	1,2-Dichloropropane	50.000	49.346	1.3#	78	0.00
46 T	Dibromomethane	50.000	50.203	-0.4	80	0.00
47 T	Bromodichloromethane	50.000	50.362	-0.7	78	0.00
48 T	Methyl methacrylate	50.000	45.083	9.8	70	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	874.409	12.6	77	0.00
50 S	Toluene-d8	50.000	51.566	-3.1	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.391	-1.0	78	0.00
52 CM	Toluene	50.000	51.627	-3.3#	79	0.00
53 T	t-1,3-Dichloropropene	50.000	48.675	2.7	76	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.251	3.5	75	0.00
55 T	1,1,2-Trichloroethane	50.000	50.547	-1.1	80	0.00
56 T	Ethyl methacrylate	50.000	49.994	0.0	78	0.00
57 T	1,3-Dichloropropane	50.000	51.050	-2.1	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	229.967	8.0	86	0.00
59 T	2-Hexanone	250.000	251.444	-0.6	77	0.00
60 T	Dibromochloromethane	50.000	51.485	-3.0	80	0.00
61 T	1,2-Dibromoethane	50.000	51.811	-3.6	79	0.00
62 S	4-Bromofluorobenzene	50.000	50.019	-0.0	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	51.541	-3.1	79	0.00
65 PM	Chlorobenzene	50.000	51.481	-3.0	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.870	-3.7	80	0.00
67 C	Ethyl Benzene	50.000	51.878	-3.8#	79	0.00
68 T	m/p-Xylenes	100.000	104.374	-4.4	79	0.00
69 T	o-Xylene	50.000	52.159	-4.3	80	0.00
70 T	Styrene	50.000	53.484	-7.0	81	0.00
71 P	Bromoform	50.000	53.073	-6.1	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	48.238	3.5	79	0.00
74 T	N-ethyl acetate	50.000	49.895	0.2	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.886	0.2	82	0.00
76 T	1,2,3-Trichloropropane	50.000	46.734	6.5	72	0.00
77 T	Bromobenzene	50.000	50.435	-0.9	82	0.00
78 T	n-propylbenzene	50.000	48.570	2.9	79	0.00
79 T	2-Chlorotoluene	50.000	48.418	3.2	79	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.391	3.2	79	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.758	10.5	75	0.00
82 T	4-Chlorotoluene	50.000	49.834	0.3	81	0.00
83 T	tert-Butylbenzene	50.000	48.350	3.3	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.720	0.6	80	0.00
85 T	sec-Butylbenzene	50.000	48.848	2.3	79	0.00
86 T	p-Isopropyltoluene	50.000	49.392	1.2	80	0.00
87 T	1,3-Dichlorobenzene	50.000	51.996	-4.0	83	0.00
88 T	1,4-Dichlorobenzene	50.000	51.161	-2.3	82	0.00
89 T	n-Butylbenzene	50.000	48.699	2.6	78	0.00
90 T	Hexachloroethane	50.000	46.545	6.9	76	0.00
91 T	1,2-Dichlorobenzene	50.000	52.459	-4.9	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.617	0.8	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.810	10.4	81	0.00
94 T	Hexachlorobutadiene	50.000	48.584	2.8	78	0.00
95 T	Naphthalene	50.000	45.176	9.6	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.205	9.6	82	0.00

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