

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111121\  
 Data File : VN069459.D  
 Acq On : 11 Nov 2021 17:38  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 LabSampled :  
 VSTDCCC050

Quant Time: Nov 12 05:17:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 09 18:18:22 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	48.043	3.9	88	0.00
3 P	Chloromethane	50.000	44.646	10.7	90	0.00
4 C	Vinyl Chloride	50.000	46.383	7.2#	89	0.00
5 T	Bromomethane	50.000	43.318	13.4	89	0.00
6 T	Chloroethane	50.000	46.460	7.1	91	0.00
7 T	Trichlorofluoromethane	50.000	46.975	6.0	90	0.00
8 T	Diethyl Ether	50.000	46.478	7.0	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.865	4.3	93	0.00
10 T	Methyl Iodide	50.000	48.176	3.6	92	0.00
11 T	Tert butyl alcohol	250.000	218.948	12.4	86	0.00
12 CM	1,1-Dichloroethene	50.000	47.958	4.1#	92	0.00
13 T	Acrolein	250.000	236.751	5.3	95	0.00
14 T	Allyl chloride	50.000	47.307	5.4	91	0.00
15 T	Acrylonitrile	250.000	242.806	2.9	93	0.00
16 T	Acetone	250.000	214.122	14.4	82	0.00
17 T	Carbon Disulfide	50.000	42.629	14.7	82	0.00
18 T	Methyl Acetate	50.000	45.535	8.9	90	0.00
19 T	Methyl tert-butyl Ether	50.000	49.308	1.4	94	0.00
20 T	Methylene Chloride	50.000	45.067	9.9	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.046	5.9	92	0.00
22 T	Diisopropyl ether	50.000	49.967	0.1	95	0.00
23 T	Vinyl Acetate	250.000	251.760	-0.7	93	0.00
24 P	1,1-Dichloroethane	50.000	48.742	2.5	95	0.00
25 T	2-Butanone	250.000	235.726	5.7	89	0.00
26 T	2,2-Dichloropropane	50.000	47.922	4.2	89	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.767	0.5	95	0.00
28 T	Bromochloromethane	50.000	51.171	-2.3	102	0.00
29 T	Tetrahydrofuran	250.000	244.494	2.2	90	0.00
30 C	Chloroform	50.000	50.335	-0.7#	97	0.00
31 T	Cyclohexane	50.000	44.781	10.4	92	0.00
32 T	1,1,1-Trichloroethane	50.000	50.319	-0.6	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.418	3.2	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	49.458	1.1	100	0.00
36 T	1,1-Dichloropropene	50.000	50.085	-0.2	93	0.00
37 T	Ethyl Acetate	50.000	51.216	-2.4	93	0.00
38 T	Carbon Tetrachloride	50.000	50.380	-0.8	93	0.00
39 T	Methylcyclohexane	50.000	49.521	1.0	90	0.00
40 TM	Benzene	50.000	50.101	-0.2	95	0.00
41 T	Methacrylonitrile	50.000	49.150	1.7	97	0.00
42 TM	1,2-Dichloroethane	50.000	50.314	-0.6	96	0.00
43 T	Isopropyl Acetate	50.000	49.780	0.4	92	0.00
44 TM	Trichloroethene	50.000	50.232	-0.5	95	0.00
45 C	1,2-Dichloropropane	50.000	50.994	-2.0#	95	0.00
46 T	Dibromomethane	50.000	50.384	-0.8	95	0.00
47 T	Bromodichloromethane	50.000	52.390	-4.8	94	0.00
48 T	Methyl methacrylate	50.000	48.812	2.4	87	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	902.256	9.8	92	0.00
50 S	Toluene-d8	50.000	50.907	-1.8	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	260.751	-4.3	93	0.00
52 CM	Toluene	50.000	52.159	-4.3#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	45.633	8.7	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.778	6.4	94	0.00
55 T	1,1,2-Trichloroethane	50.000	53.171	-6.3	98	0.00
56 T	Ethyl methacrylate	50.000	46.793	6.4	95	0.00
57 T	1,3-Dichloropropane	50.000	51.793	-3.6	97	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	212.222	15.1	95	0.00
59 T	2-Hexanone	250.000	225.908	9.6	90	0.00
60 T	Dibromochloromethane	50.000	47.032	5.9	96	0.00
61 T	1,2-Dibromoethane	50.000	48.571	2.9	96	0.00
62 S	4-Bromofluorobenzene	50.000	52.249	-4.5	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	48.278	3.4	94	0.00
65 PM	Chlorobenzene	50.000	49.803	0.4	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.850	-3.7	95	0.00
67 C	Ethyl Benzene	50.000	50.676	-1.4#	96	0.00
68 T	m/p-Xylenes	100.000	101.595	-1.6	95	0.00
69 T	o-Xylene	50.000	51.385	-2.8	96	0.00
70 T	Styrene	50.000	47.079	5.8	96	0.00
71 P	Bromoform	50.000	44.080	11.8	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	47.307	5.4	96	0.00
74 T	N-amyl acetate	50.000	48.600	2.8	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.750	6.5	96	0.00
76 T	1,2,3-Trichloropropane	50.000	51.833	-3.7	104	0.00
77 T	Bromobenzene	50.000	47.281	5.4	97	0.00
78 T	n-propylbenzene	50.000	48.342	3.3	96	0.00
79 T	2-Chlorotoluene	50.000	46.928	6.1	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.933	4.1	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.098	15.8	91	0.00
82 T	4-Chlorotoluene	50.000	47.414	5.2	96	0.00
83 T	tert-Butylbenzene	50.000	48.366	3.3	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.041	1.9	96	0.00
85 T	sec-Butylbenzene	50.000	48.939	2.1	96	0.00
86 T	p-Isopropyltoluene	50.000	49.892	0.2	96	0.00
87 T	1,3-Dichlorobenzene	50.000	48.566	2.9	96	0.00
88 T	1,4-Dichlorobenzene	50.000	47.896	4.2	96	0.00
89 T	n-Butylbenzene	50.000	49.581	0.8	94	0.00
90 T	Hexachloroethane	50.000	44.346	11.3	93	0.00
91 T	1,2-Dichlorobenzene	50.000	49.671	0.7	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.423	13.2	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	43.943	12.1	93	0.00
94 T	Hexachlorobutadiene	50.000	49.369	1.3	94	0.00
95 T	Naphthalene	50.000	41.665	16.7	93	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	44.688	10.6	95	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6