

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061521\  
 Data File : VN067337.D  
 Acq On : 15 Jun 2021 11:00  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 LabSampleId :  
 VSTDCCC050

Quant Time: Jun 16 02:38:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 15 05:19:42 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	98	0.00
2 T	Dichlorodifluoromethane	0.734	0.816	-11.2	100	0.00
3 P	Chloromethane	0.759	0.821	-8.2	109	0.00
4 C	Vinyl Chloride	0.744	0.807	-8.5#	101	0.00
5 T	Bromomethane	0.316	0.373	-18.0	111	-0.02
6 T	Chloroethane	0.457	0.469	-2.6	100	-0.01
7 T	Trichlorofluoromethane	1.033	1.076	-4.2	100	0.00
8 T	Diethyl Ether	0.420	0.431	-2.6	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.621	0.655	-5.5	100	0.00
10 T	Methyl Iodide	0.546	0.638	-16.8	109	0.00
11 T	Tert butyl alcohol	0.162	0.154	4.9	96	0.00
12 CM	1,1-Dichloroethene	0.600	0.626	-4.3#	100	0.00
13 T	Acrolein	0.101	0.095	5.9	96	0.00
14 T	Allyl chloride	1.331	1.348	-1.3	99	0.00
15 T	Acrylonitrile	0.356	0.370	-3.9	95	0.00
16 T	Acetone	0.379	0.359	5.3	100	0.00
17 T	Carbon Disulfide	1.937	1.958	-1.1	101	0.00
18 T	Methyl Acetate	0.918	0.876	4.6	96	0.00
19 T	Methyl tert-butyl Ether	2.407	2.593	-7.7	98	0.00
20 T	Methylene Chloride	0.788	0.750	4.8	101	0.00
21 T	trans-1,2-Dichloroethene	0.665	0.688	-3.5	100	0.00
22 T	Diisopropyl ether	2.456	2.595	-5.7	99	0.00
23 T	Vinyl Acetate	2.250	2.314	-2.8	97	0.00
24 P	1,1-Dichloroethane	1.378	1.430	-3.8	99	0.00
25 T	2-Butanone	0.541	0.536	0.9	95	0.00
26 T	2,2-Dichloropropane	1.396	1.399	-0.2	98	0.00
27 T	cis-1,2-Dichloroethene	0.782	0.801	-2.4	100	0.00
28 T	Bromochloromethane	0.641	0.632	1.4	100	0.00
29 T	Tetrahydrofuran	0.341	0.342	-0.3	94	0.00
30 C	Chloroform	1.446	1.476	-2.1#	99	0.00
31 T	Cyclohexane	1.341	1.333	0.6	101	0.00
32 T	1,1,1-Trichloroethane	1.329	1.370	-3.1	98	0.00
33 S	1,2-Dichloroethane-d4	0.986	0.925	6.2	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.333	0.317	4.8	95	0.00
36 T	1,1-Dichloropropene	0.561	0.595	-6.1	101	0.00
37 T	Ethyl Acetate	0.594	0.595	-0.2	95	0.00
38 T	Carbon Tetrachloride	0.603	0.620	-2.8	97	0.00
39 T	Methylcyclohexane	0.593	0.668	-12.6	102	0.00
40 TM	Benzene	1.565	1.651	-5.5	99	0.00
41 T	Methacrylonitrile	0.309	0.319	-3.2	99	0.00
42 TM	1,2-Dichloroethane	0.661	0.691	-4.5	98	0.00
43 T	Isopropyl Acetate	1.066	1.068	-0.2	95	0.00
44 TM	Trichloroethene	0.366	0.385	-5.2	98	0.00
45 C	1,2-Dichloropropane	0.417	0.439	-5.3#	99	0.00
46 T	Dibromomethane	0.284	0.297	-4.6	98	0.00
47 T	Bromodichloromethane	0.637	0.657	-3.1	99	0.00
48 T	Methyl methacrylate	0.486	0.488	-0.4	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.007	0.0	103	0.00
50 S	Toluene-d8	1.275	1.234	3.2	96	0.00
51 T	4-Methyl-2-Pentanone	0.614	0.620	-1.0	95	0.00
52 CM	Toluene	0.984	1.045	-6.2#	100	0.00
53 T	t-1,3-Dichloropropene	0.705	0.735	-4.3	98	0.00
54 T	cis-1,3-Dichloropropene	0.713	0.749	-5.0	99	0.00
55 T	1,1,2-Trichloroethane	0.380	0.385	-1.3	97	0.00
56 T	Ethyl methacrylate	0.684	0.702	-2.6	97	0.00
57 T	1,3-Dichloropropane	0.695	0.714	-2.7	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.199	0.186	6.5	92	0.00
59 T	2-Hexanone	0.450	0.445	1.1	93	0.00
60 T	Dibromochloromethane	0.416	0.439	-5.5	99	0.00
61 T	1,2-Dibromoethane	0.398	0.413	-3.8	99	0.00
62 S	4-Bromofluorobenzene	0.526	0.522	0.8	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.355	0.383	-7.9	102	0.00
65 PM	Chlorobenzene	1.088	1.149	-5.6	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.405	0.428	-5.7	99	0.00
67 C	Ethyl Benzene	2.152	2.284	-6.1#	100	0.00
68 T	m/p-Xylenes	0.765	0.816	-6.7	101	0.00
69 T	o-Xylene	0.748	0.805	-7.6	102	0.00
70 T	Styrene	1.244	1.344	-8.0	100	0.00
71 P	Bromoform	0.310	0.327	-5.5	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	4.798	4.951	-3.2	102	0.00
74 T	N-amyl acetate	2.342	2.331	0.5	97	0.00
75 P	1,1,2,2-Tetrachloroethane	1.430	1.417	0.9	98	0.00
76 T	1,2,3-Trichloropropane	1.298	1.168	10.0	87	0.00
77 T	Bromobenzene	0.977	1.014	-3.8	103	0.00
78 T	n-propylbenzene	5.706	6.042	-5.9	104	0.00
79 T	2-Chlorotoluene	3.553	3.653	-2.8	102	0.00
80 T	1,3,5-Trimethylbenzene	4.042	4.252	-5.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.524	0.507	3.2	98	0.00
82 T	4-Chlorotoluene	3.538	3.703	-4.7	102	0.00
83 T	tert-Butylbenzene	3.218	3.366	-4.6	102	0.00
84 T	1,2,4-Trimethylbenzene	3.993	4.202	-5.2	103	0.00
85 T	sec-Butylbenzene	4.556	4.956	-8.8	106	0.00
86 T	p-Isopropyltoluene	3.677	3.890	-5.8	104	0.00
87 T	1,3-Dichlorobenzene	1.762	1.879	-6.6	103	0.00
88 T	1,4-Dichlorobenzene	1.773	1.871	-5.5	103	0.00
89 T	n-Butylbenzene	3.455	3.760	-8.8	106	0.00
90 T	Hexachloroethane	0.719	0.779	-8.3	102	0.00
91 T	1,2-Dichlorobenzene	1.672	1.790	-7.1	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.358	0.329	8.1	92	0.00
93 T	1,2,4-Trichlorobenzene	0.873	0.955	-9.4	103	0.00
94 T	Hexachlorobutadiene	0.501	0.555	-10.8	110	0.00
95 T	Naphthalene	2.660	2.726	-2.5	94	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.838	0.881	-5.1	101	0.00

(#) = Out of Range

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