

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082421\  
 Data File : VN068279.D  
 Acq On : 24 Aug 2021 9:46  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 LabSampleId :  
 VSTDCCC050

Quant Time: Aug 25 03:09:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 13:09:49 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	106	0.00
2 T	Dichlorodifluoromethane	0.396	0.341	13.9	99	0.00
3 P	Chloromethane	0.448	0.365	18.5	99	0.00
4 C	Vinyl Chloride	0.701	0.586	16.4#	100	0.00
5 T	Bromomethane	0.636	0.564	11.3	113	0.00
6 T	Chloroethane	0.535	0.462	13.6	107	0.00
7 T	Trichlorofluoromethane	1.379	1.255	9.0	111	0.00
8 T	Diethyl Ether	0.320	0.229	28.4#	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.422	0.403	4.5	114	0.00
10 T	Methyl Iodide	0.599	0.574	4.2	104	0.00
11 T	Tert butyl alcohol	0.067	0.061	9.0	107	0.00
12 CM	1,1-Dichloroethene	0.405	0.361	10.9#	108	0.00
13 T	Acrolein	0.050	0.027	46.0#	71	0.00
14 T	Allyl chloride	0.518	0.478	7.7	108	0.00
15 T	Acrylonitrile	0.188	0.180	4.3	108	0.00
16 T	Acetone	0.156	0.216	-38.5#	171#	0.00
17 T	Carbon Disulfide	1.048	0.943	10.0	104	0.00
18 T	Methyl Acetate	0.567	0.409	27.9#	110	0.00
19 T	Methyl tert-butyl Ether	1.307	1.273	2.6	108	0.00
20 T	Methylene Chloride	0.524	0.437	16.6	109	0.00
21 T	trans-1,2-Dichloroethene	0.454	0.419	7.7	107	0.00
22 T	Diisopropyl ether	1.132	1.130	0.2	109	0.00
23 T	Vinyl Acetate	0.881	0.876	0.6	107	0.00
24 P	1,1-Dichloroethane	0.756	0.699	7.5	107	0.00
25 T	2-Butanone	0.243	0.273	-12.3	128	0.00
26 T	2,2-Dichloropropane	0.648	0.689	-6.3	121	0.00
27 T	cis-1,2-Dichloroethene	0.543	0.514	5.3	109	0.00
28 T	Bromochloromethane	0.333	0.323	3.0	112	0.00
29 T	Tetrahydrofuran	0.155	0.153	1.3	108	0.00
30 C	Chloroform	0.901	0.850	5.7#	109	0.00
31 T	Cyclohexane	0.703	0.639	9.1	109	0.00
32 T	1,1,1-Trichloroethane	0.803	0.798	0.6	111	0.00
33 S	1,2-Dichloroethane-d4	0.534	0.474	11.2	107	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.314	0.307	2.2	107	0.00
36 T	1,1-Dichloropropene	0.409	0.420	-2.7	107	0.00
37 T	Ethyl Acetate	0.348	0.335	3.7	105	0.00
38 T	Carbon Tetrachloride	0.471	0.507	-7.6	110	0.00
39 T	Methylcyclohexane	0.462	0.555	-20.1	121	0.00
40 TM	Benzene	1.248	1.289	-3.3	106	0.00
41 T	Methacrylonitrile	0.159	0.158	0.6	105	0.00
42 TM	1,2-Dichloroethane	0.425	0.432	-1.6	107	0.00
43 T	Isopropyl Acetate	0.558	0.582	-4.3	106	0.00
44 TM	Trichloroethene	0.375	0.386	-2.9	106	0.00
45 C	1,2-Dichloropropane	0.293	0.306	-4.4#	108	0.00
46 T	Dibromomethane	0.239	0.248	-3.8	109	0.00
47 T	Bromodichloromethane	0.445	0.480	-7.9	110	0.00
48 T	Methyl methacrylate	0.232	0.268	-15.5	114	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.006	0.0	106	0.00
50 S	Toluene-d8	1.196	1.214	-1.5	108	0.00
51 T	4-Methyl-2-Pentanone	0.343	0.376	-9.6	110	0.00
52 CM	Toluene	0.850	0.927	-9.1#	109	0.00
53 T	t-1,3-Dichloropropene	0.437	0.505	-15.6	111	0.00
54 T	cis-1,3-Dichloropropene	0.473	0.527	-11.4	111	0.00
55 T	1,1,2-Trichloroethane	0.340	0.364	-7.1	111	0.00
56 T	Ethyl methacrylate	0.436	0.499	-14.4	110	0.00
57 T	1,3-Dichloropropane	0.523	0.547	-4.6	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.072	0.084	-16.7	108	0.00
59 T	2-Hexanone	0.238	0.292	-22.7	119	0.00
60 T	Dibromochloromethane	0.383	0.447	-16.7	112	0.00
61 T	1,2-Dibromoethane	0.352	0.393	-11.6	110	0.00
62 S	4-Bromofluorobenzene	0.398	0.435	-9.3	112	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.387	0.413	-6.7	111	0.00
65 PM	Chlorobenzene	1.024	1.063	-3.8	110	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.424	-9.8	111	0.00
67 C	Ethyl Benzene	1.689	1.822	-7.9#	110	0.00
68 T	m/p-Xylenes	0.676	0.758	-12.1	112	0.00
69 T	o-Xylene	0.653	0.740	-13.3	112	0.00
70 T	Styrene	1.045	1.214	-16.2	111	0.00
71 P	Bromoform	0.310	0.376	-21.3	112	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	3.556	3.603	-1.3	114	0.00
74 T	N-acyl acetate	0.926	0.896	3.2	106	0.00
75 P	1,1,2,2-Tetrachloroethane	1.066	0.977	8.3	110	0.00
76 T	1,2,3-Trichloropropane	0.831	0.702	15.5	99	0.00
77 T	Bromobenzene	0.980	1.008	-2.9	112	0.00
78 T	n-propylbenzene	3.815	3.962	-3.9	115	0.00
79 T	2-Chlorotoluene	2.359	2.333	1.1	113	0.00
80 T	1,3,5-Trimethylbenzene	2.877	3.046	-5.9	116	0.00
81 T	trans-1,4-Dichloro-2-butene	0.254	0.282	-11.0	113	0.00
82 T	4-Chlorotoluene	2.290	2.307	-0.7	113	0.00
83 T	tert-Butylbenzene	2.555	2.752	-7.7	119	0.00
84 T	1,2,4-Trimethylbenzene	2.808	2.985	-6.3	115	0.00
85 T	sec-Butylbenzene	3.364	3.752	-11.5	122	0.00
86 T	p-Isopropyltoluene	2.776	3.245	-16.9	122	0.00
87 T	1,3-Dichlorobenzene	1.671	1.802	-7.8	114	0.00
88 T	1,4-Dichlorobenzene	1.692	1.736	-2.6	111	0.00
89 T	n-Butylbenzene	2.071	2.404	-16.1	124	0.00
90 T	Hexachloroethane	0.515	0.567	-10.1	120	0.00
91 T	1,2-Dichlorobenzene	1.591	1.672	-5.1	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.156	3.7	107	0.00
93 T	1,2,4-Trichlorobenzene	0.693	0.817	-17.9	112	0.00
94 T	Hexachlorobutadiene	0.431	0.524	-21.6	130	0.00
95 T	Naphthalene	1.486	1.694	-14.0	98	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.638	0.761	-19.3	109	0.00

(#) = Out of Range

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