

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022621\  
 Data File : VN066042.D  
 Acq On : 26 Feb 2021 10:27  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 LabSampleId :  
 VSTDCCC050

Quant Time: Feb 26 23:29:47 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 17 15:48:13 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	60	0.00
2 T	Dichlorodifluoromethane	0.655	0.590	9.9	54	0.00
3 P	Chloromethane	0.820	0.641	21.8	45#	0.00
4 C	Vinyl Chloride	0.808	0.686	15.1#	49#	0.00
5 T	Bromomethane	0.495	0.450	9.1	53	0.00
6 T	Chloroethane	0.456	0.379	16.9	49#	0.00
7 T	Trichlorofluoromethane	1.006	1.072	-6.6	62	0.00
8 T	Diethyl Ether	0.369	0.342	7.3	55	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.532	0.482	9.4	53	0.01
10 T	Methyl Iodide	0.831	0.725	12.8	51	0.01
11 T	Tert butyl alcohol	0.097	0.106	-9.3	64	-0.03
12 CM	1,1-Dichloroethene	0.562	0.506	10.0#	54	0.01
13 T	Acrolein	0.089	0.085	4.5	63	0.00
14 T	Allyl chloride	0.959	0.848	11.6	52	0.01
15 T	Acrylonitrile	0.270	0.241	10.7	50#	0.00
16 T	Acetone	0.241	0.238	1.2	64	0.00
17 T	Carbon Disulfide	1.599	1.379	13.8	52	0.02
18 T	Methyl Acetate	0.578	0.546	5.5	56	0.00
19 T	Methyl tert-butyl Ether	1.807	1.849	-2.3	60	0.00
20 T	Methylene Chloride	0.648	0.573	11.6	53	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.546	7.5	55	0.00
22 T	Diisopropyl ether	1.918	1.651	13.9	50	0.00
23 T	Vinyl Acetate	1.504	1.394	7.3	52	0.00
24 P	1,1-Dichloroethane	1.108	1.028	7.2	55	0.00
25 T	2-Butanone	0.346	0.320	7.5	53	0.00
26 T	2,2-Dichloropropane	0.869	1.038	-19.4	68	0.00
27 T	cis-1,2-Dichloroethene	0.672	0.652	3.0	56	0.00
28 T	Bromochloromethane	0.511	0.427	16.4	52	0.00
29 T	Tetrahydrofuran	0.238	0.199	16.4	48#	0.00
30 C	Chloroform	1.095	1.120	-2.3#	61	0.00
31 T	Cyclohexane	1.043	0.850	18.5	50#	0.00
32 T	1,1,1-Trichloroethane	0.918	1.030	-12.2	66	0.00
33 S	1,2-Dichloroethane-d4	0.699	0.729	-4.3	63	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	57	0.00
35 S	Dibromofluoromethane	0.309	0.305	1.3	58	0.00
36 T	1,1-Dichloropropene	0.493	0.474	3.9	56	0.00
37 T	Ethyl Acetate	0.445	0.399	10.3	50#	0.00
38 T	Carbon Tetrachloride	0.458	0.533	-16.4	66	0.00
39 T	Methylcyclohexane	0.554	0.502	9.4	53	0.00
40 TM	Benzene	1.513	1.418	6.3	54	0.00
41 T	Methacrylonitrile	0.216	0.191	11.6	49#	0.00
42 TM	1,2-Dichloroethane	0.497	0.568	-14.3	64	0.00
43 T	Isopropyl Acetate	0.710	0.704	0.8	54	0.00
44 TM	Trichloroethene	0.374	0.393	-5.1	60	0.00
45 C	1,2-Dichloropropane	0.387	0.353	8.8#	51	0.00
46 T	Dibromomethane	0.236	0.240	-1.7	56	0.00
47 T	Bromodichloromethane	0.480	0.543	-13.1	61	0.00
48 T	Methyl methacrylate	0.360	0.341	5.3	52	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.006	0.0	58	0.00
50 S	Toluene-d8	1.270	1.197	5.7	55	0.00
51 T	4-Methyl-2-Pentanone	0.432	0.393	9.0	50#	0.00
52 CM	Toluene	0.929	0.923	0.6#	56	0.00
53 T	t-1,3-Dichloropropene	0.532	0.624	-17.3	63	0.00
54 T	cis-1,3-Dichloropropene	0.596	0.643	-7.9	59	0.00
55 T	1,1,2-Trichloroethane	0.348	0.349	-0.3	56	0.00
56 T	Ethyl methacrylate	0.523	0.517	1.1	53	0.00
57 T	1,3-Dichloropropane	0.613	0.596	2.8	54	0.00
58 T	2-Chloroethyl Vinyl ether	0.250	0.206	17.6	46#	0.00
59 T	2-Hexanone	0.308	0.282	8.4	49#	0.00
60 T	Dibromochloromethane	0.355	0.406	-14.4	61	0.00
61 T	1,2-Dibromoethane	0.353	0.361	-2.3	56	0.00
62 S	4-Bromofluorobenzene	0.477	0.478	-0.2	59	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	57	0.00
64 T	Tetrachloroethene	0.386	0.411	-6.5	62	0.00
65 PM	Chlorobenzene	1.046	1.055	-0.9	57	0.00
66 T	1,1,1,2-Tetrachloroethane	0.359	0.401	-11.7	61	0.00
67 C	Ethyl Benzene	1.892	1.878	0.7#	56	0.00
68 T	m/p-Xylenes	0.706	0.728	-3.1	58	0.00
69 T	o-Xylene	0.681	0.701	-2.9	57	0.00
70 T	Styrene	1.121	1.173	-4.6	57	0.00
71 P	Bromoform	0.244	0.286	-17.2	63	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	60	0.00
73 T	Isopropylbenzene	4.081	3.872	5.1	58	0.00
74 T	N-amyl acetate	1.416	1.190	16.0	47#	0.00
75 P	1,1,2,2-Tetrachloroethane	1.204	1.032	14.3	52	0.00
76 T	1,2,3-Trichloropropane	1.201	1.075	10.5	55	0.00
77 T	Bromobenzene	0.934	0.914	2.1	59	0.00
78 T	n-propylbenzene	4.641	4.285	7.7	56	0.00
79 T	2-Chlorotoluene	2.909	2.690	7.5	57	0.00
80 T	1,3,5-Trimethylbenzene	3.467	3.399	2.0	60	0.00
81 T	trans-1,4-Dichloro-2-butene	0.377	0.372	1.3	57	0.00
82 T	4-Chlorotoluene	2.937	2.856	2.8	59	0.00
83 T	tert-Butylbenzene	2.864	2.765	3.5	59	0.00
84 T	1,2,4-Trimethylbenzene	3.480	3.358	3.5	58	0.00
85 T	sec-Butylbenzene	3.719	3.521	5.3	57	0.00
86 T	p-Isopropyltoluene	3.376	3.345	0.9	59	0.00
87 T	1,3-Dichlorobenzene	1.653	1.676	-1.4	60	0.00
88 T	1,4-Dichlorobenzene	1.688	1.664	1.4	60	0.00
89 T	n-Butylbenzene	2.847	2.782	2.3	58	0.00
90 T	Hexachloroethane	0.572	0.491	14.2	52	0.00
91 T	1,2-Dichlorobenzene	1.657	1.660	-0.2	60	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.209	0.277	-32.5#	68	0.00
93 T	1,2,4-Trichlorobenzene	0.729	0.942	-29.2#	64	0.00
94 T	Hexachlorobutadiene	0.385	0.398	-3.4	60	0.00
95 T	Naphthalene	2.375	2.962	-24.7	64	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.773	0.963	-24.6	65	0.00

(#) = Out of Range

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