

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050322\
 Data File : VN072305.D
 Acq On : 03 May 2022 15:09
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 04 05:11:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 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	56	0.00
2 T	Dichlorodifluoromethane	0.621	0.569	8.4	60	0.00
3 P	Chloromethane	0.762	0.648	15.0	61	0.00
4 C	Vinyl Chloride	0.563	0.522	7.3#	59	0.00
5 T	Bromomethane	0.307	0.307	0.0	66	0.00
6 T	Chloroethane	0.372	0.337	9.4	55	0.00
7 T	Trichlorofluoromethane	0.983	0.925	5.9	60	0.00
8 T	Diethyl Ether	0.356	0.363	-2.0	59	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.517	0.544	-5.2	65	0.00
10 T	Methyl Iodide	0.627	0.632	-0.8	59	0.00
11 T	Tert butyl alcohol	0.126	0.096	23.8	44#	0.00
12 CM	1,1-Dichloroethene	0.478	0.465	2.7#	59	0.00
13 T	Acrolein	0.127	0.105	17.3	50#	0.00
14 T	Allyl chloride	0.992	1.044	-5.2	62	0.00
15 T	Acrylonitrile	0.381	0.381	0.0	58	0.00
16 T	Acetone	0.331	0.359	-8.5	67	0.00
17 T	Carbon Disulfide	1.222	1.024	16.2	55	0.00
18 T	Methyl Acetate	1.039	0.967	6.9	62	0.00
19 T	Methyl tert-butyl Ether	1.872	2.041	-9.0	63	0.00
20 T	Methylene Chloride	0.634	0.614	3.2	62	0.00
21 T	trans-1,2-Dichloroethene	0.527	0.493	6.5	58	0.00
22 T	Diisopropyl ether	2.042	2.264	-10.9	67	0.00
23 T	Vinyl Acetate	1.715	1.966	-14.6	66	0.00
24 P	1,1-Dichloroethane	1.142	1.167	-2.2	62	0.00
25 T	2-Butanone	0.527	0.545	-3.4	61	0.00
26 T	2,2-Dichloropropane	0.892	0.982	-10.1	66	0.00
27 T	cis-1,2-Dichloroethene	0.642	0.647	-0.8	62	0.00
28 T	Bromochloromethane	0.512	0.527	-2.9	60	0.00
29 T	Tetrahydrofuran	0.346	0.344	0.6	58	0.00
30 C	Chloroform	1.147	1.160	-1.1#	64	0.00
31 T	Cyclohexane	1.026	0.975	5.0	61	0.00
32 T	1,1,1-Trichloroethane	0.976	0.995	-1.9	61	0.00
33 S	1,2-Dichloroethane-d4	0.768	0.782	-1.8	60	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	57	0.00
35 S	Dibromofluoromethane	0.320	0.334	-4.4	61	0.00
36 T	1,1-Dichloropropene	0.466	0.476	-2.1	61	0.00
37 T	Ethyl Acetate	0.619	0.644	-4.0	63	0.00
38 T	Carbon Tetrachloride	0.499	0.497	0.4	62	0.00
39 T	Methylcyclohexane	0.521	0.556	-6.7	62	0.00
40 TM	Benzene	1.445	1.443	0.1	61	0.00
41 T	Methacrylonitrile	0.313	0.353	-12.8	64	0.00
42 TM	1,2-Dichloroethane	0.553	0.571	-3.3	63	0.00
43 T	Isopropyl Acetate	1.015	1.027	-1.2	65	0.00
44 TM	Trichloroethene	0.336	0.342	-1.8	63	0.00
45 C	1,2-Dichloropropane	0.390	0.404	-3.6#	63	0.00
46 T	Dibromomethane	0.245	0.255	-4.1	63	0.00
47 T	Bromodichloromethane	0.513	0.546	-6.4	63	0.00
48 T	Methyl methacrylate	0.409	0.489	-19.6	65	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	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.005	28.6#	36#	0.00
50 S	Toluene-d8	1.258	1.248	0.8	57	0.00
51 T	4-Methyl-2-Pentanone	0.584	0.648	-11.0	62	0.00
52 CM	Toluene	0.864	0.889	-2.9#	59	0.00
53 T	t-1,3-Dichloropropene	0.516	0.592	-14.7	64	0.00
54 T	cis-1,3-Dichloropropene	0.558	0.629	-12.7	63	0.00
55 T	1,1,2-Trichloroethane	0.362	0.371	-2.5	61	0.00
56 T	Ethyl methacrylate	0.537	0.618	-15.1	61	0.00
57 T	1,3-Dichloropropane	0.636	0.660	-3.8	62	0.00
58 T	2-Chloroethyl Vinyl ether	0.129	0.166	-28.7#	62	0.00
59 T	2-Hexanone	0.411	0.450	-9.5	60	0.00
60 T	Dibromochloromethane	0.370	0.398	-7.6	62	0.00
61 T	1,2-Dibromoethane	0.356	0.363	-2.0	60	0.00
62 S	4-Bromofluorobenzene	0.417	0.424	-1.7	56	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	55	0.00
64 T	Tetrachloroethene	0.301	0.308	-2.3	61	0.00
65 PM	Chlorobenzene	1.010	1.059	-4.9	61	0.00
66 T	1,1,1,2-Tetrachloroethane	0.381	0.401	-5.2	60	0.00
67 C	Ethyl Benzene	1.762	1.940	-10.1#	60	0.00
68 T	m/p-Xylenes	0.654	0.740	-13.1	61	0.00
69 T	o-Xylene	0.634	0.731	-15.3	61	0.00
70 T	Styrene	0.999	1.191	-19.2	62	0.00
71 P	Bromoform	0.283	0.299	-5.7	59	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	60	0.00
73 T	Isopropylbenzene	4.416	4.328	2.0	60	0.00
74 T	N-amyl acetate	1.654	1.741	-5.3	63	0.00
75 P	1,1,2,2-Tetrachloroethane	1.719	1.474	14.3	61	0.00
76 T	1,2,3-Trichloropropane	1.445	1.267	12.3	67	0.00
77 T	Bromobenzene	1.044	0.933	10.6	60	0.00
78 T	n-propylbenzene	4.865	4.975	-2.3	62	0.00
79 T	2-Chlorotoluene	3.195	3.005	5.9	60	0.00
80 T	1,3,5-Trimethylbenzene	3.678	3.605	2.0	60	0.00
81 T	trans-1,4-Dichloro-2-butene	0.432	0.427	1.2	59	0.00
82 T	4-Chlorotoluene	2.975	2.871	3.5	60	0.00
83 T	tert-Butylbenzene	3.229	3.161	2.1	60	0.00
84 T	1,2,4-Trimethylbenzene	3.558	3.475	2.3	58	0.00
85 T	sec-Butylbenzene	4.210	4.428	-5.2	63	0.00
86 T	p-Isopropyltoluene	3.282	3.633	-10.7	63	0.00
87 T	1,3-Dichlorobenzene	1.690	1.722	-1.9	64	0.00
88 T	1,4-Dichlorobenzene	1.644	1.726	-5.0	66	0.00
89 T	n-Butylbenzene	2.514	2.898	-15.3	64	0.00
90 T	Hexachloroethane	0.712	0.669	6.0	63	0.00
91 T	1,2-Dichlorobenzene	1.666	1.736	-4.2	66	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.305	0.276	9.5	57	0.00
93 T	1,2,4-Trichlorobenzene	0.656	0.720	-9.8	60	0.00
94 T	Hexachlorobutadiene	0.446	0.415	7.0	62	0.00
95 T	Naphthalene	1.870	2.196	-17.4	57	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.634	0.727	-14.7	62	0.00

(#) = Out of Range

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