

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042723\
 Data File : VN077493.D
 Acq On : 27 Apr 2023 16:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 28 03:25:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 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	99	0.00
2 T	Dichlorodifluoromethane	0.598	0.526	12.0	83	0.00
3 P	Chloromethane	0.501	0.425	15.2	89	0.00
4 C	Vinyl Chloride	0.668	0.592	11.4#	90	0.00
5 T	Bromomethane	0.578	0.445	23.0	81	0.01
6 T	Chloroethane	0.507	0.383	24.5	82	0.00
7 T	Trichlorofluoromethane	0.981	1.006	-2.5	104	0.00
8 T	Diethyl Ether	0.357	0.329	7.8	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.571	0.526	7.9	96	0.00
10 T	Methyl Iodide	0.701	0.607	13.4	84	0.00
11 T	Tert butyl alcohol	0.105	0.090	14.3	90	0.00
12 CM	1,1-Dichloroethene	0.558	0.491	12.0#	92	0.00
13 T	Acrolein	0.104	0.084	19.2	87	0.00
14 T	Allyl chloride	0.620	0.548	11.6	85	0.00
15 T	Acrylonitrile	0.238	0.226	5.0	97	0.00
16 T	Acetone	0.208	0.184	11.5	98	0.00
17 T	Carbon Disulfide	1.418	1.185	16.4	86	0.00
18 T	Methyl Acetate	0.802	0.750	6.5	99	-0.01
19 T	Methyl tert-butyl Ether	1.856	1.829	1.5	101	0.00
20 T	Methylene Chloride	0.658	0.583	11.4	93	0.00
21 T	trans-1,2-Dichloroethene	0.603	0.562	6.8	97	0.00
22 T	Diisopropyl ether	1.424	1.372	3.7	98	0.00
23 T	Vinyl Acetate	0.889	0.849	4.5	95	0.00
24 P	1,1-Dichloroethane	1.008	0.965	4.3	97	0.00
25 T	2-Butanone	0.294	0.276	6.1	98	0.00
26 T	2,2-Dichloropropane	0.977	0.956	2.1	99	0.00
27 T	cis-1,2-Dichloroethene	0.715	0.677	5.3	98	0.00
28 T	Bromochloromethane	0.385	0.404	-4.9	97	0.00
29 T	Tetrahydrofuran	0.184	0.170	7.6	96	0.00
30 C	Chloroform	1.136	1.131	0.4#	102	0.00
31 T	Cyclohexane	0.924	0.803	13.1	94	0.00
32 T	1,1,1-Trichloroethane	1.044	1.034	1.0	97	0.00
33 S	1,2-Dichloroethane-d4	0.652	0.716	-9.8	111	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.301	0.330	-9.6	111	0.00
36 T	1,1-Dichloropropene	0.434	0.429	1.2	97	0.00
37 T	Ethyl Acetate	0.330	0.308	6.7	97	0.00
38 T	Carbon Tetrachloride	0.479	0.484	-1.0	99	0.00
39 T	Methylcyclohexane	0.572	0.571	0.2	96	0.00
40 TM	Benzene	1.323	1.293	2.3	97	0.00
41 T	Methacrylonitrile	0.172	0.172	0.0	100	0.00
42 TM	1,2-Dichloroethane	0.454	0.447	1.5	99	0.00
43 T	Isopropyl Acetate	0.571	0.547	4.2	95	0.00
44 TM	Trichloroethene	0.339	0.339	0.0	99	0.00
45 C	1,2-Dichloropropane	0.310	0.307	1.0#	98	0.00
46 T	Dibromomethane	0.251	0.242	3.6	98	0.00
47 T	Bromodichloromethane	0.486	0.484	0.4	98	0.00
48 T	Methyl methacrylate	0.260	0.244	6.2	95	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	0.007	0.006	14.3	101	0.00
50 S	Toluene-d8	1.152	1.291	-12.1	109	0.00
51 T	4-Methyl-2-Pentanone	0.335	0.319	4.8	97	0.00
52 CM	Toluene	0.866	0.887	-2.4#	98	0.00
53 T	t-1,3-Dichloropropene	0.492	0.524	-6.5	100	0.00
54 T	cis-1,3-Dichloropropene	0.536	0.553	-3.2	98	0.00
55 T	1,1,2-Trichloroethane	0.348	0.345	0.9	98	0.00
56 T	Ethyl methacrylate	0.488	0.499	-2.3	99	0.00
57 T	1,3-Dichloropropane	0.555	0.564	-1.6	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.165	0.182	-10.3	99	0.00
59 T	2-Hexanone	0.243	0.228	6.2	95	0.00
60 T	Dibromochloromethane	0.362	0.377	-4.1	99	0.00
61 T	1,2-Dibromoethane	0.356	0.355	0.3	99	0.00
62 S	4-Bromofluorobenzene	0.377	0.445	-18.0	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.299	0.298	0.3	97	0.00
65 PM	Chlorobenzene	1.058	1.051	0.7	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.384	0.3	100	0.00
67 C	Ethyl Benzene	1.863	1.909	-2.5#	99	0.00
68 T	m/p-Xylenes	0.724	0.740	-2.2	98	0.00
69 T	o-Xylene	0.712	0.725	-1.8	97	0.00
70 T	Styrene	1.114	1.169	-4.9	97	0.00
71 P	Bromoform	0.252	0.263	-4.4	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	4.640	4.459	3.9	99	0.00
74 T	N-amyl acetate	1.374	1.189	13.5	92	0.00
75 P	1,1,2,2-Tetrachloroethane	1.458	1.270	12.9	97	0.00
76 T	1,2,3-Trichloropropane	1.163	1.058	9.0	98	0.00
77 T	Bromobenzene	1.011	0.891	11.9	96	0.00
78 T	n-propylbenzene	5.130	5.050	1.6	98	0.00
79 T	2-Chlorotoluene	3.163	3.008	4.9	98	0.00
80 T	1,3,5-Trimethylbenzene	3.446	3.651	-5.9	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.412	0.393	4.6	96	0.00
82 T	4-Chlorotoluene	2.956	2.894	2.1	98	0.00
83 T	tert-Butylbenzene	3.346	3.130	6.5	97	0.00
84 T	1,2,4-Trimethylbenzene	3.218	3.612	-12.2	99	0.00
85 T	sec-Butylbenzene	4.593	4.557	0.8	98	0.00
86 T	p-Isopropyltoluene	3.534	3.688	-4.4	99	0.00
87 T	1,3-Dichlorobenzene	1.798	1.725	4.1	100	0.00
88 T	1,4-Dichlorobenzene	1.776	1.702	4.2	98	0.00
89 T	n-Butylbenzene	2.735	3.138	-14.7	100	0.00
90 T	Hexachloroethane	0.781	0.726	7.0	98	0.00
91 T	1,2-Dichlorobenzene	1.784	1.695	5.0	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.270	0.240	11.1	98	0.00
93 T	1,2,4-Trichlorobenzene	0.475	0.591	-24.4	99	0.02
94 T	Hexachlorobutadiene	0.360	0.363	-0.8	102	0.04
95 T	Naphthalene	1.725	2.188	-26.8#	97	0.05

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.467	0.531	-13.7	95	0.09

(#) = Out of Range

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