

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086331.D
 Acq On : 18 Apr 2025 08:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 19 02:18:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 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	0.593	0.556	6.2	99	0.00
3 P	Chloromethane	0.861	0.734	14.8	103	0.00
4 C	Vinyl Chloride	0.822	0.712	13.4#	95	0.00
5 T	Bromomethane	0.370	0.352	4.9	104	0.00
6 T	Chloroethane	0.550	0.456	17.1	96	0.00
7 T	Trichlorofluoromethane	0.911	0.858	5.8	105	0.00
8 T	Diethyl Ether	0.398	0.352	11.6	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.551	0.514	6.7	103	0.00
10 T	Methyl Iodide	0.606	0.621	-2.5	110	0.00
11 T	Tert butyl alcohol	0.132	0.112	15.2	95	0.00
12 CM	1,1-Dichloroethene	0.588	0.527	10.4#	101	0.00
13 T	Acrolein	0.075	0.072	4.0	124	0.00
14 T	Allyl chloride	1.046	0.858	18.0	98	0.00
15 T	Acrylonitrile	0.327	0.283	13.5	94	0.00
16 T	Acetone	0.290	0.257	11.4	108	0.00
17 T	Carbon Disulfide	1.762	1.382	21.6	94	0.00
18 T	Methyl Acetate	0.870	0.721	17.1	98	0.00
19 T	Methyl tert-butyl Ether	2.163	1.938	10.4	102	0.00
20 T	Methylene Chloride	0.670	0.595	11.2	102	0.00
21 T	trans-1,2-Dichloroethene	0.615	0.551	10.4	101	0.00
22 T	Diisopropyl ether	2.276	1.947	14.5	98	0.00
23 T	Vinyl Acetate	1.591	1.336	16.0	95	0.00
24 P	1,1-Dichloroethane	1.201	1.084	9.7	101	0.00
25 T	2-Butanone	0.451	0.394	12.6	98	0.00
26 T	2,2-Dichloropropane	1.075	0.994	7.5	107	0.00
27 T	cis-1,2-Dichloroethene	0.764	0.688	9.9	102	0.00
28 T	Bromochloromethane	0.509	0.463	9.0	99	0.00
29 T	Tetrahydrofuran	0.302	0.249	17.5	94	0.00
30 C	Chloroform	1.180	1.085	8.1#	104	0.00
31 T	Cyclohexane	1.175	0.973	17.2	97	0.00
32 T	1,1,1-Trichloroethane	1.009	0.934	7.4	104	0.00
33 S	1,2-Dichloroethane-d4	0.725	0.683	5.8	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.232	0.215	7.3	103	0.00
36 T	1,1-Dichloropropene	0.463	0.437	5.6	101	0.00
37 T	Ethyl Acetate	0.488	0.422	13.5	97	0.00
38 T	Carbon Tetrachloride	0.441	0.429	2.7	104	0.00
39 T	Methylcyclohexane	0.551	0.505	8.3	99	0.00
40 TM	Benzene	1.485	1.378	7.2	100	0.00
41 T	Methacrylonitrile	0.283	0.246	13.1	95	0.00
42 TM	1,2-Dichloroethane	0.474	0.442	6.8	102	0.00
43 T	Isopropyl Acetate	1.177	0.789	33.0#	93	0.00
44 TM	Trichloroethene	0.352	0.350	0.6	106	0.00
45 C	1,2-Dichloropropane	0.364	0.333	8.5#	98	0.00
46 T	Dibromomethane	0.232	0.224	3.4	101	0.00
47 T	Bromodichloromethane	0.500	0.480	4.0	103	0.00
48 T	Methyl methacrylate	0.429	0.368	14.2	95	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	0.007	0.0	104	0.00
50 S	Toluene-d8	1.240	1.205	2.8	99	0.00
51 T	4-Methyl-2-Pentanone	0.500	0.448	10.4	95	0.00
52 CM	Toluene	0.927	0.882	4.9#	101	0.00
53 T	t-1,3-Dichloropropene	0.558	0.540	3.2	101	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.573	6.5	102	0.00
55 T	1,1,2-Trichloroethane	0.333	0.317	4.8	102	0.00
56 T	Ethyl methacrylate	0.613	0.562	8.3	99	0.00
57 T	1,3-Dichloropropane	0.592	0.558	5.7	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.291	0.259	11.0	92	0.00
59 T	2-Hexanone	0.371	0.331	10.8	95	0.00
60 T	Dibromochloromethane	0.366	0.358	2.2	104	0.00
61 T	1,2-Dibromoethane	0.336	0.325	3.3	102	0.00
62 S	4-Bromofluorobenzene	0.452	0.448	0.9	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.385	0.393	-2.1	109	0.00
65 PM	Chlorobenzene	1.116	1.062	4.8	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.368	0.353	4.1	104	0.00
67 C	Ethyl Benzene	2.014	1.905	5.4#	102	0.00
68 T	m/p-Xylenes	0.754	0.730	3.2	103	0.00
69 T	o-Xylene	0.746	0.711	4.7	102	0.00
70 T	Styrene	1.243	1.230	1.0	104	0.00
71 P	Bromoform	0.277	0.268	3.2	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	4.090	3.709	9.3	104	0.00
74 T	N-amyl acetate	2.036	1.561	23.3	91	0.00
75 P	1,1,2,2-Tetrachloroethane	1.176	0.981	16.6	99	0.00
76 T	1,2,3-Trichloropropane	1.180	1.009	14.5	101	0.00
77 T	Bromobenzene	0.906	0.857	5.4	105	0.00
78 T	n-propylbenzene	4.820	4.421	8.3	103	0.00
79 T	2-Chlorotoluene	3.016	2.707	10.2	102	0.00
80 T	1,3,5-Trimethylbenzene	3.348	3.098	7.5	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.491	0.445	9.4	100	0.00
82 T	4-Chlorotoluene	2.996	2.765	7.7	102	0.00
83 T	tert-Butylbenzene	2.901	2.598	10.4	104	0.00
84 T	1,2,4-Trimethylbenzene	3.408	3.146	7.7	103	0.00
85 T	sec-Butylbenzene	4.023	3.731	7.3	103	0.00
86 T	p-Isopropyltoluene	3.316	3.158	4.8	104	0.00
87 T	1,3-Dichlorobenzene	1.704	1.667	2.2	108	0.00
88 T	1,4-Dichlorobenzene	1.716	1.653	3.7	107	0.00
89 T	n-Butylbenzene	2.939	2.823	3.9	104	0.00
90 T	Hexachloroethane	0.558	0.510	8.6	103	0.00
91 T	1,2-Dichlorobenzene	1.652	1.604	2.9	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.237	0.212	10.5	99	0.00
93 T	1,2,4-Trichlorobenzene	0.791	0.784	0.9	107	0.00
94 T	Hexachlorobutadiene	0.299	0.300	-0.3	111	0.00
95 T	Naphthalene	2.804	2.607	7.0	101	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	0.749	0.721	3.7	106	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6