

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
 Data File : VN086313.D
 Acq On : 17 Apr 2025 11:19
 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 18 05:11:23 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	87	0.00
2 T	Dichlorodifluoromethane	0.593	0.555	6.4	82	0.00
3 P	Chloromethane	0.861	0.762	11.5	88	0.00
4 C	Vinyl Chloride	0.822	0.744	9.5#	82	0.00
5 T	Bromomethane	0.370	0.373	-0.8	91	0.00
6 T	Chloroethane	0.550	0.479	12.9	84	0.00
7 T	Trichlorofluoromethane	0.911	0.830	8.9	84	0.00
8 T	Diethyl Ether	0.398	0.357	10.3	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.551	0.490	11.1	81	0.00
10 T	Methyl Iodide	0.606	0.635	-4.8	92	0.00
11 T	Tert butyl alcohol	0.132	0.121	8.3	85	0.00
12 CM	1,1-Dichloroethene	0.588	0.526	10.5#	83	0.00
13 T	Acrolein	0.075	0.082	-9.3	117	0.00
14 T	Allyl chloride	1.046	0.957	8.5	90	0.00
15 T	Acrylonitrile	0.327	0.302	7.6	83	0.00
16 T	Acetone	0.290	0.239	17.6	83	0.00
17 T	Carbon Disulfide	1.762	1.420	19.4	79	0.00
18 T	Methyl Acetate	0.870	0.730	16.1	81	0.00
19 T	Methyl tert-butyl Ether	2.163	1.915	11.5	83	0.00
20 T	Methylene Chloride	0.670	0.598	10.7	84	0.00
21 T	trans-1,2-Dichloroethene	0.615	0.554	9.9	84	0.00
22 T	Diisopropyl ether	2.276	1.964	13.7	81	0.00
23 T	Vinyl Acetate	1.591	1.390	12.6	82	0.00
24 P	1,1-Dichloroethane	1.201	1.073	10.7	82	0.00
25 T	2-Butanone	0.451	0.403	10.6	82	0.00
26 T	2,2-Dichloropropane	1.075	0.962	10.5	85	0.00
27 T	cis-1,2-Dichloroethene	0.764	0.680	11.0	83	0.00
28 T	Bromochloromethane	0.509	0.538	-5.7	95	0.00
29 T	Tetrahydrofuran	0.302	0.264	12.6	82	0.00
30 C	Chloroform	1.180	1.068	9.5#	84	0.00
31 T	Cyclohexane	1.175	0.952	19.0	78	0.00
32 T	1,1,1-Trichloroethane	1.009	0.915	9.3	84	0.00
33 S	1,2-Dichloroethane-d4	0.725	0.760	-4.8	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.232	0.239	-3.0	95	0.00
36 T	1,1-Dichloropropene	0.463	0.423	8.6	82	0.00
37 T	Ethyl Acetate	0.488	0.431	11.7	83	0.00
38 T	Carbon Tetrachloride	0.441	0.405	8.2	82	0.00
39 T	Methylcyclohexane	0.551	0.496	10.0	81	0.00
40 TM	Benzene	1.485	1.357	8.6	83	0.00
41 T	Methacrylonitrile	0.283	0.246	13.1	80	0.00
42 TM	1,2-Dichloroethane	0.474	0.436	8.0	84	0.00
43 T	Isopropyl Acetate	1.177	0.823	30.1#	82	0.00
44 TM	Trichloroethene	0.352	0.331	6.0	84	0.00
45 C	1,2-Dichloropropane	0.364	0.334	8.2#	82	0.00
46 T	Dibromomethane	0.232	0.226	2.6	85	0.00
47 T	Bromodichloromethane	0.500	0.469	6.2	85	0.00
48 T	Methyl methacrylate	0.429	0.381	11.2	83	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	92	0.00
50 S	Toluene-d8	1.240	1.325	-6.9	91	0.00
51 T	4-Methyl-2-Pentanone	0.500	0.462	7.6	82	0.00
52 CM	Toluene	0.927	0.858	7.4#	83	0.00
53 T	t-1,3-Dichloropropene	0.558	0.530	5.0	83	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.559	8.8	83	0.00
55 T	1,1,2-Trichloroethane	0.333	0.308	7.5	83	0.00
56 T	Ethyl methacrylate	0.613	0.559	8.8	83	0.00
57 T	1,3-Dichloropropane	0.592	0.557	5.9	85	0.00
58 T	2-Chloroethyl Vinyl ether	0.291	0.328	-12.7	98	0.00
59 T	2-Hexanone	0.371	0.343	7.5	83	0.00
60 T	Dibromochloromethane	0.366	0.349	4.6	85	0.00
61 T	1,2-Dibromoethane	0.336	0.321	4.5	85	0.00
62 S	4-Bromofluorobenzene	0.452	0.482	-6.6	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.385	0.363	5.7	84	0.00
65 PM	Chlorobenzene	1.116	1.032	7.5	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.368	0.345	6.3	85	0.00
67 C	Ethyl Benzene	2.014	1.843	8.5#	82	0.00
68 T	m/p-Xylenes	0.754	0.691	8.4	81	0.00
69 T	o-Xylene	0.746	0.687	7.9	82	0.00
70 T	Styrene	1.243	1.183	4.8	83	0.00
71 P	Bromoform	0.277	0.262	5.4	86	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	4.090	3.655	10.6	82	0.00
74 T	N-amyl acetate	2.036	1.690	17.0	80	0.00
75 P	1,1,2,2-Tetrachloroethane	1.176	1.026	12.8	83	0.00
76 T	1,2,3-Trichloropropane	1.180	1.061	10.1	85	0.00
77 T	Bromobenzene	0.906	0.838	7.5	82	0.00
78 T	n-propylbenzene	4.820	4.358	9.6	81	0.00
79 T	2-Chlorotoluene	3.016	2.703	10.4	82	0.00
80 T	1,3,5-Trimethylbenzene	3.348	3.036	9.3	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.491	0.511	-4.1	93	0.00
82 T	4-Chlorotoluene	2.996	2.747	8.3	82	0.00
83 T	tert-Butylbenzene	2.901	2.600	10.4	83	0.00
84 T	1,2,4-Trimethylbenzene	3.408	3.099	9.1	82	0.00
85 T	sec-Butylbenzene	4.023	3.725	7.4	83	0.00
86 T	p-Isopropyltoluene	3.316	3.148	5.1	83	0.00
87 T	1,3-Dichlorobenzene	1.704	1.597	6.3	83	0.00
88 T	1,4-Dichlorobenzene	1.716	1.581	7.9	82	0.00
89 T	n-Butylbenzene	2.939	2.874	2.2	85	0.00
90 T	Hexachloroethane	0.558	0.512	8.2	83	0.00
91 T	1,2-Dichlorobenzene	1.652	1.535	7.1	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.237	0.221	6.8	83	0.00
93 T	1,2,4-Trichlorobenzene	0.791	0.773	2.3	85	0.00
94 T	Hexachlorobutadiene	0.299	0.302	-1.0	90	0.00
95 T	Naphthalene	2.804	2.618	6.6	82	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	0.719	4.0	85	0.00

(#) = Out of Range

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