

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047284.D
 Acq On : 12 Aug 2025 09:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 13 01:14:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 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	72	0.00
2 T	Dichlorodifluoromethane	0.664	0.700	-5.4	65	0.00
3 P	Chloromethane	0.657	0.619	5.8	63	0.00
4 C	Vinyl Chloride	0.706	0.710	-0.6#	65	0.00
5 T	Bromomethane	0.384	0.423	-10.2	68	0.00
6 T	Chloroethane	0.464	0.423	8.8	64	0.00
7 T	Trichlorofluoromethane	1.053	1.060	-0.7	66	0.00
8 T	Diethyl Ether	0.371	0.379	-2.2	70	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.634	0.627	1.1	67	0.00
10 T	Methyl Iodide	0.647	1.049	-62.1#	103	0.00
11 T	Tert butyl alcohol	0.080	0.075	6.3	74	0.00
12 CM	1,1-Dichloroethene	0.628	0.616	1.9#	65	0.00
13 T	Acrolein	0.134	0.186	-38.8#	96	0.00
14 T	Allyl chloride	1.136	1.100	3.2	64	0.00
15 T	Acrylonitrile	0.297	0.308	-3.7	67	0.00
16 T	Acetone	0.250	0.262	-4.8	75	0.00
17 T	Carbon Disulfide	1.818	1.741	4.2	64	0.00
18 T	Methyl Acetate	0.663	0.767	-15.7	80	0.00
19 T	Methyl tert-butyl Ether	1.912	2.026	-6.0	71	0.00
20 T	Methylene Chloride	0.686	0.675	1.6	67	0.00
21 T	trans-1,2-Dichloroethene	0.643	0.644	-0.2	66	0.00
22 T	Diisopropyl ether	2.184	2.219	-1.6	67	0.00
23 T	Vinyl Acetate	1.752	1.878	-7.2	69	0.00
24 P	1,1-Dichloroethane	1.214	1.182	2.6	65	0.00
25 T	2-Butanone	0.363	0.348	4.1	64	0.00
26 T	2,2-Dichloropropane	0.940	0.956	-1.7	70	0.00
27 T	cis-1,2-Dichloroethene	0.761	0.747	1.8	66	0.00
28 T	Bromochloromethane	0.559	0.571	-2.1	67	0.00
29 T	Tetrahydrofuran	0.234	0.223	4.7	62	0.00
30 C	Chloroform	1.236	1.217	1.5#	68	0.00
31 T	Cyclohexane	1.164	1.087	6.6	64	0.00
32 T	1,1,1-Trichloroethane	1.074	1.058	1.5	67	0.00
33 S	1,2-Dichloroethane-d4	0.623	0.583	6.4	73	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.309	0.317	-2.6	77	-0.01
36 T	1,1-Dichloropropene	0.526	0.503	4.4	66	0.00
37 T	Ethyl Acetate	0.485	0.559	-15.3	79	0.00
38 T	Carbon Tetrachloride	0.562	0.553	1.6	67	-0.01
39 T	Methylcyclohexane	0.657	0.628	4.4	65	0.00
40 TM	Benzene	1.523	1.515	0.5	66	0.00
41 T	Methacrylonitrile	0.254	0.234	7.9	58	0.00
42 TM	1,2-Dichloroethane	0.536	0.553	-3.2	69	0.00
43 T	Isopropyl Acetate	0.756	0.831	-9.9	70	0.00
44 TM	Trichloroethene	0.391	0.385	1.5	66	0.00
45 C	1,2-Dichloropropane	0.381	0.386	-1.3#	68	0.00
46 T	Dibromomethane	0.267	0.283	-6.0	69	0.00
47 T	Bromodichloromethane	0.569	0.591	-3.9	69	0.00
48 T	Methyl methacrylate	0.412	0.419	-1.7	68	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	0.005	0.005	0.0	63	0.01
50 S	Toluene-d8	1.000	0.887	11.3	69	0.00
51 T	4-Methyl-2-Pentanone	0.449	0.476	-6.0	69	0.00
52 CM	Toluene	0.936	0.940	-0.4#	66	0.00
53 T	t-1,3-Dichloropropene	0.538	0.566	-5.2	69	0.00
54 T	cis-1,3-Dichloropropene	0.588	0.609	-3.6	67	0.00
55 T	1,1,2-Trichloroethane	0.351	0.368	-4.8	70	0.00
56 T	Ethyl methacrylate	0.520	0.576	-10.8	69	0.00
57 T	1,3-Dichloropropane	0.610	0.631	-3.4	69	0.00
58 T	2-Chloroethyl Vinyl ether	0.289	0.274	5.2	61	0.00
59 T	2-Hexanone	0.297	0.332	-11.8	69	0.00
60 T	Dibromochloromethane	0.412	0.442	-7.3	71	0.00
61 T	1,2-Dibromoethane	0.367	0.380	-3.5	69	0.00
62 S	4-Bromofluorobenzene	0.431	0.427	0.9	75	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	71	0.00
64 T	Tetrachloroethene	0.360	0.352	2.2	66	0.00
65 PM	Chlorobenzene	1.171	1.165	0.5	67	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.409	-3.8	69	0.00
67 C	Ethyl Benzene	2.048	2.055	-0.3#	66	0.00
68 T	m/p-Xylenes	0.766	0.769	-0.4	67	0.00
69 T	o-Xylene	0.729	0.741	-1.6	67	0.00
70 T	Styrene	1.250	1.290	-3.2	67	0.00
71 P	Bromoform	0.300	0.320	-6.7	70	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.00
73 T	Isopropylbenzene	3.945	3.828	3.0	66	0.00
74 T	N-amyl acetate	1.592	1.654	-3.9	69	0.00
75 P	1,1,2,2-Tetrachloroethane	1.127	1.141	-1.2	70	0.00
76 T	1,2,3-Trichloropropane	0.925	0.947	-2.4	71	0.00
77 T	Bromobenzene	0.946	0.935	1.2	68	0.00
78 T	n-propylbenzene	4.714	4.551	3.5	66	0.00
79 T	2-Chlorotoluene	2.818	2.721	3.4	67	0.00
80 T	1,3,5-Trimethylbenzene	3.259	3.156	3.2	66	0.00
81 T	trans-1,4-Dichloro-2-butene	0.359	0.237	34.0#	45#	0.00
82 T	4-Chlorotoluene	3.289	3.195	2.9	66	0.00
83 T	tert-Butylbenzene	3.271	3.178	2.8	66	0.00
84 T	1,2,4-Trimethylbenzene	3.251	3.200	1.6	66	0.00
85 T	sec-Butylbenzene	4.087	3.871	5.3	65	0.00
86 T	p-Isopropyltoluene	3.389	3.238	4.5	65	0.00
87 T	1,3-Dichlorobenzene	1.798	1.747	2.8	68	0.00
88 T	1,4-Dichlorobenzene	1.821	1.758	3.5	69	0.00
89 T	n-Butylbenzene	3.178	2.992	5.9	64	0.00
90 T	Hexachloroethane	0.606	0.598	1.3	68	0.00
91 T	1,2-Dichlorobenzene	1.718	1.683	2.0	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.216	0.231	-6.9	72	0.00
93 T	1,2,4-Trichlorobenzene	1.135	1.121	1.2	68	0.00
94 T	Hexachlorobutadiene	0.386	0.362	6.2	66	0.00
95 T	Naphthalene	3.328	3.398	-2.1	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.094	1.054	3.7	67	0.00

(#) = Out of Range

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