

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100925\  
 Data File : VX048072.D  
 Acq On : 09 Oct 2025 09:06  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleID :  
 VSTDCCC050

Quant Time: Oct 10 01:15:55 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 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	77	-0.01
2 T	Dichlorodifluoromethane	0.518	0.513	1.0	79	0.00
3 P	Chloromethane	0.680	0.581	14.6	68	0.00
4 C	Vinyl Chloride	0.666	0.624	6.3#	73	0.00
5 T	Bromomethane	0.422	0.425	-0.7	77	0.00
6 T	Chloroethane	0.445	0.436	2.0	76	0.00
7 T	Trichlorofluoromethane	0.989	1.043	-5.5	81	0.00
8 T	Diethyl Ether	0.405	0.419	-3.5	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.578	0.620	-7.3	82	0.00
10 T	Methyl Iodide	0.902	0.582	35.5#	49#	0.00
11 T	Tert butyl alcohol	0.089	0.072	19.1	63	0.00
12 CM	1,1-Dichloroethene	0.594	0.583	1.9#	74	0.00
13 T	Acrolein	0.082	0.080	2.4	75	0.00
14 T	Allyl chloride	1.226	1.163	5.1	74	0.00
15 T	Acrylonitrile	0.328	0.340	-3.7	76	0.00
16 T	Acetone	0.346	0.337	2.6	82	0.00
17 T	Carbon Disulfide	1.626	1.314	19.2	65	0.00
18 T	Methyl Acetate	0.770	0.843	-9.5	74	0.00
19 T	Methyl tert-butyl Ether	2.169	2.233	-3.0	77	0.00
20 T	Methylene Chloride	0.732	0.743	-1.5	79	0.00
21 T	trans-1,2-Dichloroethene	0.640	0.630	1.6	75	0.00
22 T	Diisopropyl ether	2.376	2.579	-8.5	80	-0.01
23 T	Vinyl Acetate	1.901	1.932	-1.6	75	0.00
24 P	1,1-Dichloroethane	1.263	1.343	-6.3	80	0.00
25 T	2-Butanone	0.432	0.413	4.4	73	0.00
26 T	2,2-Dichloropropane	1.050	1.082	-3.0	78	0.00
27 T	cis-1,2-Dichloroethene	0.783	0.811	-3.6	78	0.00
28 T	Bromochloromethane	0.551	0.609	-10.5	82	-0.01
29 T	Tetrahydrofuran	0.260	0.233	10.4	65	0.00
30 C	Chloroform	1.276	1.406	-10.2#	82	0.00
31 T	Cyclohexane	1.052	0.865	17.8	65	0.00
32 T	1,1,1-Trichloroethane	1.082	1.132	-4.6	78	0.00
33 S	1,2-Dichloroethane-d4	0.796	0.868	-9.0	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35 S	Dibromofluoromethane	0.335	0.395	-17.9	90	0.00
36 T	1,1-Dichloropropene	0.490	0.456	6.9	71	0.00
37 T	Ethyl Acetate	0.525	0.482	8.2	69	-0.01
38 T	Carbon Tetrachloride	0.532	0.541	-1.7	76	-0.01
39 T	Methylcyclohexane	0.556	0.473	14.9	63	0.00
40 TM	Benzene	1.488	1.509	-1.4	75	0.00
41 T	Methacrylonitrile	0.271	0.280	-3.3	74	-0.01
42 TM	1,2-Dichloroethane	0.566	0.591	-4.4	77	-0.01
43 T	Isopropyl Acetate	0.860	0.817	5.0	69	0.00
44 TM	Trichloroethene	0.360	0.362	-0.6	74	0.00
45 C	1,2-Dichloropropane	0.381	0.412	-8.1#	79	0.00
46 T	Dibromomethane	0.277	0.294	-6.1	77	0.00
47 T	Bromodichloromethane	0.572	0.640	-11.9	80	0.00
48 T	Methyl methacrylate	0.429	0.413	3.7	70	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.005	-25.0	74	0.00
50 S	Toluene-d8	1.160	1.266	-9.1	84	0.00
51 T	4-Methyl-2-Pentanone	0.477	0.471	1.3	70	0.00
52 CM	Toluene	0.917	0.926	-1.0#	75	0.00
53 T	t-1,3-Dichloropropene	0.584	0.610	-4.5	75	0.00
54 T	cis-1,3-Dichloropropene	0.624	0.661	-5.9	77	0.00
55 T	1,1,2-Trichloroethane	0.354	0.388	-9.6	80	0.00
56 T	Ethyl methacrylate	0.555	0.554	0.2	70	0.00
57 T	1,3-Dichloropropane	0.607	0.661	-8.9	78	0.00
58 T	2-Chloroethyl Vinyl ether	0.227	0.282	-24.2	78	0.00
59 T	2-Hexanone	0.343	0.324	5.5	68	0.00
60 T	Dibromochloromethane	0.407	0.470	-15.5	82	0.00
61 T	1,2-Dibromoethane	0.360	0.384	-6.7	77	0.00
62 S	4-Bromofluorobenzene	0.440	0.481	-9.3	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.326	0.303	7.1	72	0.00
65 PM	Chlorobenzene	1.136	1.155	-1.7	76	0.00
66 T	1,1,1,2-Tetrachloroethane	0.392	0.438	-11.7	82	0.00
67 C	Ethyl Benzene	1.960	1.942	0.9#	74	0.00
68 T	m/p-Xylenes	0.729	0.727	0.3	74	0.00
69 T	o-Xylene	0.706	0.705	0.1	73	0.00
70 T	Styrene	1.236	1.279	-3.5	76	0.00
71 P	Bromoform	0.293	0.321	-9.6	79	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73 T	Isopropylbenzene	3.801	3.755	1.2	75	0.00
74 T	N-amyl acetate	1.733	1.578	8.9	68	0.00
75 P	1,1,2,2-Tetrachloroethane	1.150	1.184	-3.0	78	0.00
76 T	1,2,3-Trichloropropane	1.012	0.924	8.7	66	0.00
77 T	Bromobenzene	0.936	0.929	0.7	76	0.00
78 T	n-propylbenzene	4.494	4.393	2.2	74	0.00
79 T	2-Chlorotoluene	2.752	2.724	1.0	75	0.00
80 T	1,3,5-Trimethylbenzene	3.123	3.073	1.6	74	0.00
81 T	trans-1,4-Dichloro-2-butene	0.397	0.355	10.6	69	0.00
82 T	4-Chlorotoluene	3.251	3.219	1.0	76	0.00
83 T	tert-Butylbenzene	3.197	3.194	0.1	77	0.00
84 T	1,2,4-Trimethylbenzene	3.166	3.124	1.3	75	0.00
85 T	sec-Butylbenzene	3.797	3.719	2.1	74	0.00
86 T	p-Isopropyltoluene	3.215	3.115	3.1	73	0.00
87 T	1,3-Dichlorobenzene	1.739	1.723	0.9	76	0.00
88 T	1,4-Dichlorobenzene	1.785	1.753	1.8	77	0.00
89 T	n-Butylbenzene	2.975	2.849	4.2	73	0.00
90 T	Hexachloroethane	0.564	0.593	-5.1	81	0.00
91 T	1,2-Dichlorobenzene	1.657	1.664	-0.4	77	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.233	0.213	8.6	68	0.00
93 T	1,2,4-Trichlorobenzene	1.077	1.010	6.2	70	0.00
94 T	Hexachlorobutadiene	0.366	0.338	7.7	71	0.00
95 T	Naphthalene	3.279	2.973	9.3	68	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	1.002	0.947	5.5	70	0.00

(#) = Out of Range

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