

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100825\
 Data File : VX048070.D
 Acq On : 08 Oct 2025 15:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 09 04:53:59 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	64	-0.02
2 T	Dichlorodifluoromethane	0.518	0.398	23.2	50	0.00
3 P	Chloromethane	0.680	0.636	6.5	61	0.00
4 C	Vinyl Chloride	0.666	0.610	8.4#	59	0.00
5 T	Bromomethane	0.422	0.384	9.0	57	0.00
6 T	Chloroethane	0.445	0.467	-4.9	67	0.00
7 T	Trichlorofluoromethane	0.989	0.855	13.5	55	0.00
8 T	Diethyl Ether	0.405	0.496	-22.5	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.578	0.508	12.1	55	0.00
10 T	Methyl Iodide	0.902	0.682	24.4	48#	0.00
11 T	Tert butyl alcohol	0.089	0.110	-23.6	78	0.00
12 CM	1,1-Dichloroethene	0.594	0.552	7.1#	58	0.00
13 T	Acrolein	0.082	0.053	35.4#	42#	0.00
14 T	Allyl chloride	1.226	1.169	4.6	61	0.00
15 T	Acrylonitrile	0.328	0.444	-35.4#	81	-0.01
16 T	Acetone	0.346	0.358	-3.5	72	0.00
17 T	Carbon Disulfide	1.626	1.323	18.6	54	0.00
18 T	Methyl Acetate	0.770	1.111	-44.3#	81	0.00
19 T	Methyl tert-butyl Ether	2.169	2.733	-26.0#	77	0.00
20 T	Methylene Chloride	0.732	0.866	-18.3	75	0.00
21 T	trans-1,2-Dichloroethene	0.640	0.641	-0.2	63	0.00
22 T	Diisopropyl ether	2.376	2.951	-24.2	76	-0.01
23 T	Vinyl Acetate	1.901	2.382	-25.3#	76	0.00
24 P	1,1-Dichloroethane	1.263	1.453	-15.0	71	0.00
25 T	2-Butanone	0.432	0.532	-23.1	77	-0.01
26 T	2,2-Dichloropropane	1.050	0.848	19.2	50	-0.01
27 T	cis-1,2-Dichloroethene	0.783	0.880	-12.4	69	-0.01
28 T	Bromochloromethane	0.551	0.708	-28.5#	78	-0.02
29 T	Tetrahydrofuran	0.260	0.319	-22.7	74	-0.01
30 C	Chloroform	1.276	1.538	-20.5#	74	-0.01
31 T	Cyclohexane	1.052	0.742	29.5#	46#	0.00
32 T	1,1,1-Trichloroethane	1.082	1.097	-1.4	62	-0.01
33 S	1,2-Dichloroethane-d4	0.796	1.008	-26.6#	83	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	67	0.00
35 S	Dibromofluoromethane	0.335	0.397	-18.5	81	-0.01
36 T	1,1-Dichloropropene	0.490	0.388	20.8	54	-0.01
37 T	Ethyl Acetate	0.525	0.605	-15.2	77	-0.01
38 T	Carbon Tetrachloride	0.532	0.452	15.0	57	-0.02
39 T	Methylcyclohexane	0.556	0.369	33.6#	44#	0.00
40 TM	Benzene	1.488	1.471	1.1	65	-0.01
41 T	Methacrylonitrile	0.271	0.331	-22.1	78	-0.01
42 TM	1,2-Dichloroethane	0.566	0.649	-14.7	75	-0.01
43 T	Isopropyl Acetate	0.860	0.993	-15.5	75	0.00
44 TM	Trichloroethene	0.360	0.318	11.7	58	0.00
45 C	1,2-Dichloropropane	0.381	0.422	-10.8#	72	0.00
46 T	Dibromomethane	0.277	0.321	-15.9	75	-0.01
47 T	Bromodichloromethane	0.572	0.657	-14.9	73	0.00
48 T	Methyl methacrylate	0.429	0.489	-14.0	73	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.006	-50.0#	89	0.00
50 S	Toluene-d8	1.160	1.129	2.7	66	0.00
51 T	4-Methyl-2-Pentanone	0.477	0.580	-21.6	77	0.00
52 CM	Toluene	0.917	0.845	7.9#	61	0.00
53 T	t-1,3-Dichloropropene	0.584	0.605	-3.6	66	0.00
54 T	cis-1,3-Dichloropropene	0.624	0.644	-3.2	66	0.00
55 T	1,1,2-Trichloroethane	0.354	0.416	-17.5	76	0.00
56 T	Ethyl methacrylate	0.555	0.647	-16.6	73	0.00
57 T	1,3-Dichloropropane	0.607	0.710	-17.0	75	0.00
58 T	2-Chloroethyl Vinyl ether	0.227	0.313	-37.9#	78	0.00
59 T	2-Hexanone	0.343	0.400	-16.6	75	0.00
60 T	Dibromochloromethane	0.407	0.487	-19.7	75	0.00
61 T	1,2-Dibromoethane	0.360	0.420	-16.7	75	0.00
62 S	4-Bromofluorobenzene	0.440	0.440	0.0	70	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	67	0.00
64 T	Tetrachloroethene	0.326	0.280	14.1	57	0.00
65 PM	Chlorobenzene	1.136	1.091	4.0	62	0.00
66 T	1,1,1,2-Tetrachloroethane	0.392	0.428	-9.2	69	0.00
67 C	Ethyl Benzene	1.960	1.708	12.9#	56	0.00
68 T	m/p-Xylenes	0.729	0.643	11.8	56	0.00
69 T	o-Xylene	0.706	0.644	8.8	58	0.00
70 T	Styrene	1.236	1.167	5.6	60	0.00
71 P	Bromoform	0.293	0.359	-22.5	77	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	68	0.00
73 T	Isopropylbenzene	3.801	3.261	14.2	55	0.00
74 T	N-amyl acetate	1.733	1.925	-11.1	70	0.00
75 P	1,1,2,2-Tetrachloroethane	1.150	1.401	-21.8	78	0.00
76 T	1,2,3-Trichloropropane	1.012	1.133	-12.0	68	0.00
77 T	Bromobenzene	0.936	0.906	3.2	63	0.00
78 T	n-propylbenzene	4.494	3.788	15.7	54	0.00
79 T	2-Chlorotoluene	2.752	2.450	11.0	57	0.00
80 T	1,3,5-Trimethylbenzene	3.123	2.706	13.4	55	0.00
81 T	trans-1,4-Dichloro-2-butene	0.397	0.379	4.5	62	0.00
82 T	4-Chlorotoluene	3.251	2.856	12.2	57	0.00
83 T	tert-Butylbenzene	3.197	2.712	15.2	55	0.00
84 T	1,2,4-Trimethylbenzene	3.166	2.777	12.3	57	0.00
85 T	sec-Butylbenzene	3.797	3.175	16.4	54	0.00
86 T	p-Isopropyltoluene	3.215	2.646	17.7	53	0.00
87 T	1,3-Dichlorobenzene	1.739	1.566	9.9	59	0.00
88 T	1,4-Dichlorobenzene	1.785	1.579	11.5	59	0.00
89 T	n-Butylbenzene	2.975	2.430	18.3	53	0.00
90 T	Hexachloroethane	0.564	0.511	9.4	59	0.00
91 T	1,2-Dichlorobenzene	1.657	1.599	3.5	62	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.233	0.269	-15.5	72	0.00
93 T	1,2,4-Trichlorobenzene	1.077	0.936	13.1	55	0.00
94 T	Hexachlorobutadiene	0.366	0.281	23.2	50#	0.00
95 T	Naphthalene	3.279	3.329	-1.5	64	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.918	8.4	58	0.00

(#) = Out of Range

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