

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046961.D
 Acq On : 14 Jul 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 15 01:12:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 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	82	0.00
2 T	Dichlorodifluoromethane	0.478	0.487	-1.9	82	0.00
3 P	Chloromethane	0.522	0.477	8.6	77	0.00
4 C	Vinyl Chloride	0.569	0.565	0.7#	84	0.00
5 T	Bromomethane	0.366	0.365	0.3	83	0.00
6 T	Chloroethane	0.376	0.357	5.1	85	0.00
7 T	Trichlorofluoromethane	0.880	0.919	-4.4	88	0.00
8 T	Diethyl Ether	0.313	0.341	-8.9	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.561	0.585	-4.3	88	0.00
10 T	Methyl Iodide	0.611	0.496	18.8	65	0.00
11 T	Tert butyl alcohol	0.043	0.068	-58.1#	132	0.00
12 CM	1,1-Dichloroethene	0.542	0.553	-2.0#	87	0.00
13 T	Acrolein	0.052	0.044	15.4	80	0.00
14 T	Allyl chloride	0.965	1.039	-7.7	91	0.00
15 T	Acrylonitrile	0.250	0.295	-18.0	99	0.00
16 T	Acetone	0.205	0.234	-14.1	100	0.00
17 T	Carbon Disulfide	1.422	1.298	8.7	80	0.00
18 T	Methyl Acetate	0.541	0.769	-42.1#	114	0.00
19 T	Methyl tert-butyl Ether	1.531	1.868	-22.0	101	0.00
20 T	Methylene Chloride	0.607	0.629	-3.6	88	0.00
21 T	trans-1,2-Dichloroethene	0.555	0.557	-0.4	85	0.00
22 T	Diisopropyl ether	1.865	2.102	-12.7	91	0.00
23 T	Vinyl Acetate	1.397	1.623	-16.2	94	0.00
24 P	1,1-Dichloroethane	1.064	1.127	-5.9	89	0.00
25 T	2-Butanone	0.274	0.340	-24.1	102	0.00
26 T	2,2-Dichloropropane	0.792	0.911	-15.0	98	0.00
27 T	cis-1,2-Dichloroethene	0.677	0.712	-5.2	89	0.00
28 T	Bromochloromethane	0.525	0.551	-5.0	86	0.00
29 T	Tetrahydrofuran	0.175	0.220	-25.7#	103	0.00
30 C	Chloroform	1.087	1.141	-5.0#	89	0.00
31 T	Cyclohexane	0.944	0.919	2.6	82	0.00
32 T	1,1,1-Trichloroethane	0.908	0.987	-8.7	92	-0.01
33 S	1,2-Dichloroethane-d4	0.661	0.674	-2.0	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.339	0.336	0.9	83	0.00
36 T	1,1-Dichloropropene	0.458	0.455	0.7	87	0.00
37 T	Ethyl Acetate	0.390	0.433	-11.0	101	0.00
38 T	Carbon Tetrachloride	0.484	0.506	-4.5	89	-0.01
39 T	Methylcyclohexane	0.573	0.556	3.0	82	0.00
40 TM	Benzene	1.385	1.391	-0.4	86	-0.01
41 T	Methacrylonitrile	0.208	0.255	-22.6	100	0.00
42 TM	1,2-Dichloroethane	0.470	0.497	-5.7	91	0.00
43 T	Isopropyl Acetate	0.597	0.739	-23.8	100	0.00
44 TM	Trichloroethene	0.361	0.355	1.7	86	0.00
45 C	1,2-Dichloropropane	0.350	0.364	-4.0#	88	0.00
46 T	Dibromomethane	0.242	0.255	-5.4	89	0.00
47 T	Bromodichloromethane	0.518	0.552	-6.6	91	0.00
48 T	Methyl methacrylate	0.308	0.385	-25.0#	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.005	-25.0	111	0.00
50 S	Toluene-d8	1.197	1.136	5.1	80	0.00
51 T	4-Methyl-2-Pentanone	0.353	0.436	-23.5	100	0.00
52 CM	Toluene	0.858	0.875	-2.0#	87	0.00
53 T	t-1,3-Dichloropropene	0.462	0.534	-15.6	95	0.00
54 T	cis-1,3-Dichloropropene	0.527	0.581	-10.2	91	0.00
55 T	1,1,2-Trichloroethane	0.320	0.348	-8.7	92	0.00
56 T	Ethyl methacrylate	0.442	0.529	-19.7	97	0.00
57 T	1,3-Dichloropropane	0.550	0.576	-4.7	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.249	0.289	-16.1	91	0.00
59 T	2-Hexanone	0.234	0.300	-28.2#	102	0.00
60 T	Dibromochloromethane	0.383	0.413	-7.8	92	0.00
61 T	1,2-Dibromoethane	0.321	0.347	-8.1	91	0.00
62 S	4-Bromofluorobenzene	0.455	0.448	1.5	83	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.333	0.320	3.9	85	0.00
65 PM	Chlorobenzene	1.081	1.090	-0.8	87	0.00
66 T	1,1,1,2-Tetrachloroethane	0.363	0.387	-6.6	90	0.00
67 C	Ethyl Benzene	1.851	1.887	-1.9#	86	0.00
68 T	m/p-Xylenes	0.698	0.709	-1.6	86	0.00
69 T	o-Xylene	0.674	0.690	-2.4	87	0.00
70 T	Styrene	1.153	1.208	-4.8	86	0.00
71 P	Bromoform	0.270	0.301	-11.5	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	3.515	3.763	-7.1	86	0.00
74 T	N-amyl acetate	1.194	1.511	-26.5#	98	0.00
75 P	1,1,2,2-Tetrachloroethane	0.966	1.107	-14.6	95	0.00
76 T	1,2,3-Trichloropropane	0.773	0.913	-18.1	96	0.00
77 T	Bromobenzene	0.875	0.924	-5.6	87	0.00
78 T	n-propylbenzene	4.238	4.475	-5.6	86	0.00
79 T	2-Chlorotoluene	2.503	2.638	-5.4	88	0.00
80 T	1,3,5-Trimethylbenzene	2.856	3.082	-7.9	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.288	0.352	-22.2	100	0.00
82 T	4-Chlorotoluene	2.888	3.071	-6.3	87	0.00
83 T	tert-Butylbenzene	2.950	3.200	-8.5	87	0.00
84 T	1,2,4-Trimethylbenzene	2.887	3.119	-8.0	87	0.00
85 T	sec-Butylbenzene	3.719	3.949	-6.2	86	0.00
86 T	p-Isopropyltoluene	3.114	3.320	-6.6	87	0.00
87 T	1,3-Dichlorobenzene	1.637	1.719	-5.0	87	0.00
88 T	1,4-Dichlorobenzene	1.704	1.738	-2.0	88	0.00
89 T	n-Butylbenzene	2.926	3.088	-5.5	85	0.00
90 T	Hexachloroethane	0.552	0.604	-9.4	90	0.00
91 T	1,2-Dichlorobenzene	1.587	1.657	-4.4	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.169	0.217	-28.4#	105	0.00
93 T	1,2,4-Trichlorobenzene	1.078	1.145	-6.2	87	0.00
94 T	Hexachlorobutadiene	0.407	0.431	-5.9	87	0.00
95 T	Naphthalene	2.840	3.431	-20.8	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.019	1.115	-9.4	88	0.00

(#) = Out of Range

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