

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047105.D
 Acq On : 24 Jul 2025 09:44
 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 25 01:14:30 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	97	0.00
2 T	Dichlorodifluoromethane	0.664	0.749	-12.8	94	0.00
3 P	Chloromethane	0.657	0.672	-2.3	93	0.00
4 C	Vinyl Chloride	0.706	0.789	-11.8#	98	0.00
5 T	Bromomethane	0.384	0.410	-6.8	89	0.00
6 T	Chloroethane	0.464	0.449	3.2	92	0.00
7 T	Trichlorofluoromethane	1.053	1.120	-6.4	94	0.00
8 T	Diethyl Ether	0.371	0.375	-1.1	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.634	0.653	-3.0	94	0.00
10 T	Methyl Iodide	0.647	0.926	-43.1#	123	0.00
11 T	Tert butyl alcohol	0.080	0.067	16.2	88	0.00
12 CM	1,1-Dichloroethene	0.628	0.640	-1.9#	92	0.00
13 T	Acrolein	0.134	0.185	-38.1#	129	0.00
14 T	Allyl chloride	1.136	1.164	-2.5	91	0.00
15 T	Acrylonitrile	0.297	0.287	3.4	84	0.00
16 T	Acetone	0.250	0.262	-4.8	100	0.00
17 T	Carbon Disulfide	1.818	1.790	1.5	89	0.00
18 T	Methyl Acetate	0.663	0.658	0.8	93	0.00
19 T	Methyl tert-butyl Ether	1.912	1.895	0.9	89	0.00
20 T	Methylene Chloride	0.686	0.680	0.9	91	0.00
21 T	trans-1,2-Dichloroethene	0.643	0.643	0.0	89	0.00
22 T	Diisopropyl ether	2.184	2.222	-1.7	91	0.00
23 T	Vinyl Acetate	1.752	1.816	-3.7	91	0.00
24 P	1,1-Dichloroethane	1.214	1.227	-1.1	91	0.00
25 T	2-Butanone	0.363	0.345	5.0	85	0.00
26 T	2,2-Dichloropropane	0.940	0.944	-0.4	93	0.00
27 T	cis-1,2-Dichloroethene	0.761	0.755	0.8	90	0.00
28 T	Bromochloromethane	0.559	0.635	-13.6	101	-0.01
29 T	Tetrahydrofuran	0.234	0.212	9.4	80	0.00
30 C	Chloroform	1.236	1.218	1.5#	91	0.00
31 T	Cyclohexane	1.164	1.111	4.6	88	0.00
32 T	1,1,1-Trichloroethane	1.074	1.065	0.8	91	-0.01
33 S	1,2-Dichloroethane-d4	0.623	0.644	-3.4	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.309	0.335	-8.4	110	0.00
36 T	1,1-Dichloropropene	0.526	0.516	1.9	92	0.00
37 T	Ethyl Acetate	0.485	0.451	7.0	86	0.00
38 T	Carbon Tetrachloride	0.562	0.551	2.0	90	0.00
39 T	Methylcyclohexane	0.657	0.636	3.2	88	0.00
40 TM	Benzene	1.523	1.505	1.2	88	0.00
41 T	Methacrylonitrile	0.254	0.248	2.4	82	0.00
42 TM	1,2-Dichloroethane	0.536	0.537	-0.2	91	-0.01
43 T	Isopropyl Acetate	0.756	0.731	3.3	83	-0.01
44 TM	Trichloroethene	0.391	0.374	4.3	86	0.00
45 C	1,2-Dichloropropane	0.381	0.372	2.4#	88	0.00
46 T	Dibromomethane	0.267	0.262	1.9	87	0.00
47 T	Bromodichloromethane	0.569	0.573	-0.7	90	0.00
48 T	Methyl methacrylate	0.412	0.381	7.5	84	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	0.004	20.0	79	0.02
50 S	Toluene-d8	1.000	1.006	-0.6	106	0.00
51 T	4-Methyl-2-Pentanone	0.449	0.420	6.5	82	0.00
52 CM	Toluene	0.936	0.921	1.6#	88	0.00
53 T	t-1,3-Dichloropropene	0.538	0.525	2.4	86	0.00
54 T	cis-1,3-Dichloropropene	0.588	0.592	-0.7	88	0.00
55 T	1,1,2-Trichloroethane	0.351	0.338	3.7	87	0.00
56 T	Ethyl methacrylate	0.520	0.514	1.2	84	0.00
57 T	1,3-Dichloropropane	0.610	0.588	3.6	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.289	0.238	17.6	72	0.00
59 T	2-Hexanone	0.297	0.283	4.7	80	0.00
60 T	Dibromochloromethane	0.412	0.410	0.5	90	0.00
61 T	1,2-Dibromoethane	0.367	0.342	6.8	84	0.00
62 S	4-Bromofluorobenzene	0.431	0.444	-3.0	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.360	0.338	6.1	85	0.00
65 PM	Chlorobenzene	1.171	1.122	4.2	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.390	1.0	88	0.00
67 C	Ethyl Benzene	2.048	2.003	2.2#	86	0.00
68 T	m/p-Xylenes	0.766	0.741	3.3	86	0.00
69 T	o-Xylene	0.729	0.710	2.6	86	0.00
70 T	Styrene	1.250	1.231	1.5	86	0.00
71 P	Bromoform	0.300	0.286	4.7	84	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.945	3.988	-1.1	86	0.00
74 T	N-amyl acetate	1.592	1.554	2.4	81	0.00
75 P	1,1,2,2-Tetrachloroethane	1.127	1.079	4.3	83	0.00
76 T	1,2,3-Trichloropropane	0.925	0.910	1.6	85	0.00
77 T	Bromobenzene	0.946	0.942	0.4	86	0.00
78 T	n-propylbenzene	4.714	4.785	-1.5	87	0.00
79 T	2-Chlorotoluene	2.818	2.816	0.1	86	0.00
80 T	1,3,5-Trimethylbenzene	3.259	3.256	0.1	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.359	0.263	26.7#	62	0.00
82 T	4-Chlorotoluene	3.289	3.309	-0.6	86	0.00
83 T	tert-Butylbenzene	3.271	3.310	-1.2	85	0.00
84 T	1,2,4-Trimethylbenzene	3.251	3.296	-1.4	85	0.00
85 T	sec-Butylbenzene	4.087	4.100	-0.3	86	0.00
86 T	p-Isopropyltoluene	3.389	3.420	-0.9	85	0.00
87 T	1,3-Dichlorobenzene	1.798	1.758	2.2	85	0.00
88 T	1,4-Dichlorobenzene	1.821	1.762	3.2	86	0.00
89 T	n-Butylbenzene	3.178	3.224	-1.4	86	0.00
90 T	Hexachloroethane	0.606	0.619	-2.1	87	0.00
91 T	1,2-Dichlorobenzene	1.718	1.671	2.7	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.216	0.215	0.5	83	0.00
93 T	1,2,4-Trichlorobenzene	1.135	1.114	1.9	84	0.00
94 T	Hexachlorobutadiene	0.386	0.398	-3.1	91	0.00
95 T	Naphthalene	3.328	3.369	-1.2	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.094	1.077	1.6	85	0.00

(#) = Out of Range

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