

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047077.D
 Acq On : 23 Jul 2025 09:30
 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 24 05:42:25 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	112	0.00
2 T	Dichlorodifluoromethane	0.664	0.723	-8.9	105	0.00
3 P	Chloromethane	0.657	0.713	-8.5	114	0.00
4 C	Vinyl Chloride	0.706	0.725	-2.7#	104	0.00
5 T	Bromomethane	0.384	0.550	-43.2#	137	0.00
6 T	Chloroethane	0.464	0.424	8.6	101	0.00
7 T	Trichlorofluoromethane	1.053	1.071	-1.7	103	0.00
8 T	Diethyl Ether	0.371	0.359	3.2	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.634	0.625	1.4	104	0.00
10 T	Methyl Iodide	0.647	0.500	22.7	77	0.00
11 T	Tert butyl alcohol	0.080	0.059	26.3#	90	0.00
12 CM	1,1-Dichloroethene	0.628	0.610	2.9#	101	0.00
13 T	Acrolein	0.134	0.151	-12.7	122	0.00
14 T	Allyl chloride	1.136	1.124	1.1	101	0.00
15 T	Acrylonitrile	0.297	0.283	4.7	96	0.00
16 T	Acetone	0.250	0.252	-0.8	112	0.00
17 T	Carbon Disulfide	1.818	1.745	4.0	101	0.00
18 T	Methyl Acetate	0.663	0.627	5.4	102	0.00
19 T	Methyl tert-butyl Ether	1.912	1.773	7.3	96	0.00
20 T	Methylene Chloride	0.686	0.637	7.1	99	0.00
21 T	trans-1,2-Dichloroethene	0.643	0.617	4.0	99	0.00
22 T	Diisopropyl ether	2.184	2.092	4.2	99	0.00
23 T	Vinyl Acetate	1.752	1.678	4.2	97	0.00
24 P	1,1-Dichloroethane	1.214	1.141	6.0	98	0.00
25 T	2-Butanone	0.363	0.329	9.4	94	0.00
26 T	2,2-Dichloropropane	0.940	0.889	5.4	101	0.00
27 T	cis-1,2-Dichloroethene	0.761	0.699	8.1	97	-0.01
28 T	Bromochloromethane	0.559	0.531	5.0	97	0.00
29 T	Tetrahydrofuran	0.234	0.209	10.7	91	0.00
30 C	Chloroform	1.236	1.136	8.1#	98	0.00
31 T	Cyclohexane	1.164	1.044	10.3	96	0.00
32 T	1,1,1-Trichloroethane	1.074	0.990	7.8	98	-0.01
33 S	1,2-Dichloroethane-d4	0.623	0.586	5.9	114	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
35 S	Dibromofluoromethane	0.309	0.304	1.6	116	0.00
36 T	1,1-Dichloropropene	0.526	0.471	10.5	97	0.00
37 T	Ethyl Acetate	0.485	0.410	15.5	90	0.00
38 T	Carbon Tetrachloride	0.562	0.508	9.6	97	0.00
39 T	Methylcyclohexane	0.657	0.592	9.9	96	0.00
40 TM	Benzene	1.523	1.384	9.1	95	0.00
41 T	Methacrylonitrile	0.254	0.243	4.3	94	0.00
42 TM	1,2-Dichloroethane	0.536	0.496	7.5	97	0.00
43 T	Isopropyl Acetate	0.756	0.691	8.6	92	-0.01
44 TM	Trichloroethene	0.391	0.348	11.0	94	0.00
45 C	1,2-Dichloropropane	0.381	0.344	9.7#	95	0.00
46 T	Dibromomethane	0.267	0.246	7.9	94	0.00
47 T	Bromodichloromethane	0.569	0.521	8.4	95	0.00
48 T	Methyl methacrylate	0.412	0.356	13.6	91	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.005	0.004	20.0	91	0.00
50 S	Toluene-d8	1.000	0.902	9.8	110	0.00
51 T	4-Methyl-2-Pentanone	0.449	0.394	12.2	89	0.00
52 CM	Toluene	0.936	0.850	9.2#	94	0.00
53 T	t-1,3-Dichloropropene	0.538	0.496	7.8	95	0.00
54 T	cis-1,3-Dichloropropene	0.588	0.552	6.1	95	0.00
55 T	1,1,2-Trichloroethane	0.351	0.312	11.1	94	0.00
56 T	Ethyl methacrylate	0.520	0.481	7.5	91	0.00
57 T	1,3-Dichloropropane	0.610	0.538	11.8	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.289	0.267	7.6	93	0.00
59 T	2-Hexanone	0.297	0.270	9.1	89	0.00
60 T	Dibromochloromethane	0.412	0.373	9.5	95	0.00
61 T	1,2-Dibromoethane	0.367	0.319	13.1	91	0.00
62 S	4-Bromofluorobenzene	0.431	0.393	8.8	109	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.360	0.323	10.3	92	0.00
65 PM	Chlorobenzene	1.171	1.072	8.5	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.362	8.1	93	0.00
67 C	Ethyl Benzene	2.048	1.906	6.9#	93	0.00
68 T	m/p-Xylenes	0.766	0.708	7.6	93	0.00
69 T	o-Xylene	0.729	0.673	7.7	92	0.00
70 T	Styrene	1.250	1.163	7.0	92	0.00
71 P	Bromoform	0.300	0.276	8.0	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.945	3.757	4.8	93	0.00
74 T	N-amyl acetate	1.592	1.491	6.3	89	0.00
75 P	1,1,2,2-Tetrachloroethane	1.127	1.022	9.3	90	0.00
76 T	1,2,3-Trichloropropane	0.925	0.848	8.3	91	0.00
77 T	Bromobenzene	0.946	0.881	6.9	92	0.00
78 T	n-propylbenzene	4.714	4.513	4.3	94	0.00
79 T	2-Chlorotoluene	2.818	2.630	6.7	93	0.00
80 T	1,3,5-Trimethylbenzene	3.259	3.083	5.4	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.359	0.336	6.4	92	0.00
82 T	4-Chlorotoluene	3.289	3.056	7.1	91	0.00
83 T	tert-Butylbenzene	3.271	3.091	5.5	92	0.00
84 T	1,2,4-Trimethylbenzene	3.251	3.079	5.3	92	0.00
85 T	sec-Butylbenzene	4.087	3.882	5.0	94	0.00
86 T	p-Isopropyltoluene	3.389	3.227	4.8	93	0.00
87 T	1,3-Dichlorobenzene	1.798	1.657	7.8	93	0.00
88 T	1,4-Dichlorobenzene	1.821	1.670	8.3	94	0.00
89 T	n-Butylbenzene	3.178	3.020	5.0	93	0.00
90 T	Hexachloroethane	0.606	0.581	4.1	95	0.00
91 T	1,2-Dichlorobenzene	1.718	1.558	9.3	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.216	0.196	9.3	87	0.00
93 T	1,2,4-Trichlorobenzene	1.135	1.065	6.2	93	0.00
94 T	Hexachlorobutadiene	0.386	0.384	0.5	101	0.00
95 T	Naphthalene	3.328	3.130	5.9	89	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.094	1.008	7.9	92	0.00

(#) = Out of Range

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