

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081425\
 Data File : VX047336.D
 Acq On : 14 Aug 2025 10:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 18 01:22:50 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	70	0.00
2 T	Dichlorodifluoromethane	0.664	0.627	5.6	57	0.00
3 P	Chloromethane	0.657	0.527	19.8	53	0.00
4 C	Vinyl Chloride	0.706	0.666	5.7#	60	0.00
5 T	Bromomethane	0.384	0.350	8.9	55	0.00
6 T	Chloroethane	0.464	0.390	15.9	58	0.00
7 T	Trichlorofluoromethane	1.053	1.002	4.8	60	0.00
8 T	Diethyl Ether	0.371	0.363	2.2	65	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.634	0.593	6.5	61	0.00
10 T	Methyl Iodide	0.647	1.051	-62.4#	101	0.00
11 T	Tert butyl alcohol	0.080	0.071	11.3	68	0.00
12 CM	1,1-Dichloroethene	0.628	0.585	6.8#	60	0.00
13 T	Acrolein	0.134	0.164	-22.4	83	0.00
14 T	Allyl chloride	1.136	1.037	8.7	58	0.00
15 T	Acrylonitrile	0.297	0.307	-3.4	65	0.00
16 T	Acetone	0.250	0.257	-2.8	71	0.00
17 T	Carbon Disulfide	1.818	1.552	14.6	56	0.00
18 T	Methyl Acetate	0.663	0.739	-11.5	75	0.00
19 T	Methyl tert-butyl Ether	1.912	1.925	-0.7	65	0.00
20 T	Methylene Chloride	0.686	0.648	5.5	63	0.00
21 T	trans-1,2-Dichloroethene	0.643	0.610	5.1	61	0.00
22 T	Diisopropyl ether	2.184	2.161	1.1	64	0.00
23 T	Vinyl Acetate	1.752	1.783	-1.8	64	0.00
24 P	1,1-Dichloroethane	1.214	1.163	4.2	62	0.00
25 T	2-Butanone	0.363	0.345	5.0	62	0.00
26 T	2,2-Dichloropropane	0.940	0.888	5.5	63	0.00
27 T	cis-1,2-Dichloroethene	0.761	0.724	4.9	63	0.00
28 T	Bromochloromethane	0.559	0.546	2.3	62	0.00
29 T	Tetrahydrofuran	0.234	0.222	5.1	60	0.00
30 C	Chloroform	1.236	1.187	4.0#	64	0.00
31 T	Cyclohexane	1.164	1.011	13.1	58	0.00
32 T	1,1,1-Trichloroethane	1.074	1.011	5.9	63	0.00
33 S	1,2-Dichloroethane-d4	0.623	0.665	-6.7	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	71	0.00
35 S	Dibromofluoromethane	0.309	0.308	0.3	74	0.00
36 T	1,1-Dichloropropene	0.526	0.482	8.4	62	0.00
37 T	Ethyl Acetate	0.485	0.548	-13.0	76	0.00
38 T	Carbon Tetrachloride	0.562	0.519	7.7	62	0.00
39 T	Methylcyclohexane	0.657	0.575	12.5	58	0.00
40 TM	Benzene	1.523	1.454	4.5	62	0.00
41 T	Methacrylonitrile	0.254	0.231	9.1	56	0.00
42 TM	1,2-Dichloroethane	0.536	0.536	0.0	66	0.00
43 T	Isopropyl Acetate	0.756	0.780	-3.2	65	0.00
44 TM	Trichloroethene	0.391	0.369	5.6	62	0.00
45 C	1,2-Dichloropropane	0.381	0.370	2.9#	64	0.00
46 T	Dibromomethane	0.267	0.275	-3.0	66	0.00
47 T	Bromodichloromethane	0.569	0.561	1.4	64	0.00
48 T	Methyl methacrylate	0.412	0.412	0.0	66	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	0.005	0.0	63	0.02
50 S	Toluene-d8	1.000	1.081	-8.1	83	0.00
51 T	4-Methyl-2-Pentanone	0.449	0.461	-2.7	65	0.00
52 CM	Toluene	0.936	0.914	2.4#	63	0.00
53 T	t-1,3-Dichloropropene	0.538	0.522	3.0	62	0.00
54 T	cis-1,3-Dichloropropene	0.588	0.566	3.7	61	0.00
55 T	1,1,2-Trichloroethane	0.351	0.357	-1.7	67	0.00
56 T	Ethyl methacrylate	0.520	0.548	-5.4	65	0.00
57 T	1,3-Dichloropropane	0.610	0.614	-0.7	66	0.00
58 T	2-Chloroethyl Vinyl ether	0.289	0.267	7.6	58	0.00
59 T	2-Hexanone	0.297	0.319	-7.4	66	0.00
60 T	Dibromochloromethane	0.412	0.417	-1.2	66	0.00
61 T	1,2-Dibromoethane	0.367	0.364	0.8	65	0.00
62 S	4-Bromofluorobenzene	0.431	0.410	4.9	71	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	70	0.00
64 T	Tetrachloroethene	0.360	0.333	7.5	62	0.00
65 PM	Chlorobenzene	1.171	1.128	3.7	64	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.393	0.3	65	0.00
67 C	Ethyl Benzene	2.048	1.958	4.4#	62	0.00
68 T	m/p-Xylenes	0.766	0.731	4.6	62	0.00
69 T	o-Xylene	0.729	0.710	2.6	63	0.00
70 T	Styrene	1.250	1.243	0.6	64	0.00
71 P	Bromoform	0.300	0.308	-2.7	66	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	73	0.00
73 T	Isopropylbenzene	3.945	3.721	5.7	63	0.00
74 T	N-amyl acetate	1.592	1.527	4.1	63	0.00
75 P	1,1,2,2-Tetrachloroethane	1.127	1.125	0.2	68	0.00
76 T	1,2,3-Trichloropropane	0.925	0.891	3.7	66	0.00
77 T	Bromobenzene	0.946	0.907	4.1	65	0.00
78 T	n-propylbenzene	4.714	4.401	6.6	63	0.00
79 T	2-Chlorotoluene	2.818	2.603	7.6	63	0.00
80 T	1,3,5-Trimethylbenzene	3.259	3.047	6.5	63	0.00
81 T	trans-1,4-Dichloro-2-butene	0.359	0.172	52.1#	32#	0.00
82 T	4-Chlorotoluene	3.289	3.106	5.6	64	0.00
83 T	tert-Butylbenzene	3.271	3.062	6.4	62	0.00
84 T	1,2,4-Trimethylbenzene	3.251	3.093	4.9	63	0.00
85 T	sec-Butylbenzene	4.087	3.769	7.8	63	0.00
86 T	p-Isopropyltoluene	3.389	3.190	5.9	63	0.00
87 T	1,3-Dichlorobenzene	1.798	1.687	6.2	65	0.00
88 T	1,4-Dichlorobenzene	1.821	1.704	6.4	66	0.00
89 T	n-Butylbenzene	3.178	2.941	7.5	62	0.00
90 T	Hexachloroethane	0.606	0.553	8.7	62	0.00
91 T	1,2-Dichlorobenzene	1.718	1.623	5.5	65	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.216	0.226	-4.6	69	0.00
93 T	1,2,4-Trichlorobenzene	1.135	1.084	4.5	65	0.00
94 T	Hexachlorobutadiene	0.386	0.365	5.4	66	0.00
95 T	Naphthalene	3.328	3.359	-0.9	65	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	1.040	4.9	65	0.00

(#) = Out of Range

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