

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111725\
 Data File : VX048613.D
 Acq On : 17 Nov 2025 11:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 19 01:48:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 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	76	0.00
2 T	Dichlorodifluoromethane	0.405	0.384	5.2	69	0.00
3 P	Chloromethane	0.537	0.582	-8.4	75	0.00
4 C	Vinyl Chloride	0.608	0.657	-8.1#	83	0.00
5 T	Bromomethane	0.384	0.513	-33.6#	92	0.00
6 T	Chloroethane	0.398	0.436	-9.5	87	0.00
7 T	Trichlorofluoromethane	0.963	1.097	-13.9	94	0.00
8 T	Diethyl Ether	0.386	0.474	-22.8	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.630	-13.1	93	0.00
10 T	Methyl Iodide	0.825	0.915	-10.9	84	0.00
11 T	Tert butyl alcohol	0.132	0.150	-13.6	83	0.00
12 CM	1,1-Dichloroethene	0.582	0.603	-3.6#	84	0.00
13 T	Acrolein	0.019	0.019	0.0	70	0.00
14 T	Allyl chloride	1.084	1.037	4.3	75	0.00
15 T	Acrylonitrile	0.385	0.445	-15.6	84	0.00
16 T	Acetone	0.330	0.384	-16.4	89	0.00
17 T	Carbon Disulfide	1.638	1.374	16.1	70	0.00
18 T	Methyl Acetate	0.906	0.995	-9.8	87	0.00
19 T	Methyl tert-butyl Ether	2.055	2.282	-11.0	82	0.00
20 T	Methylene Chloride	0.678	0.634	6.5	74	0.00
21 T	trans-1,2-Dichloroethene	0.617	0.588	4.7	75	0.00
22 T	Diisopropyl ether	2.081	2.294	-10.2	85	0.00
23 T	Vinyl Acetate	1.822	2.075	-13.9	86	0.00
24 P	1,1-Dichloroethane	1.142	1.173	-2.7	81	0.00
25 T	2-Butanone	0.488	0.577	-18.2	87	-0.01
26 T	2,2-Dichloropropane	0.973	1.003	-3.1	86	0.00
27 T	cis-1,2-Dichloroethene	0.754	0.742	1.6	78	-0.01
28 T	Bromochloromethane	0.561	0.542	3.4	76	0.00
29 T	Tetrahydrofuran	0.348	0.391	-12.4	85	-0.02
30 C	Chloroform	1.179	1.240	-5.2#	84	-0.02
31 T	Cyclohexane	0.936	0.877	6.3	77	0.00
32 T	1,1,1-Trichloroethane	1.029	1.045	-1.6	82	-0.01
33 S	1,2-Dichloroethane-d4	0.697	0.737	-5.7	82	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.00
35 S	Dibromofluoromethane	0.378	0.343	9.3	73	0.00
36 T	1,1-Dichloropropene	0.507	0.464	8.5	82	0.00
37 T	Ethyl Acetate	0.713	0.787	-10.4	89	-0.01
38 T	Carbon Tetrachloride	0.577	0.545	5.5	84	0.00
39 T	Methylcyclohexane	0.569	0.546	4.0	80	0.00
40 TM	Benzene	1.571	1.448	7.8	77	0.00
41 T	Methacrylonitrile	0.314	0.354	-12.7	90	-0.01
42 TM	1,2-Dichloroethane	0.538	0.580	-7.8	90	0.00
43 T	Isopropyl Acetate	1.003	1.073	-7.0	87	-0.01
44 TM	Trichloroethene	0.375	0.369	1.6	78	0.00
45 C	1,2-Dichloropropane	0.361	0.381	-5.5#	80	0.00
46 T	Dibromomethane	0.263	0.331	-25.9#	93	0.00
47 T	Bromodichloromethane	0.526	0.669	-27.2#	92	0.00
48 T	Methyl methacrylate	0.446	0.586	-31.4#	95	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	0.007	0.010	-42.9#	98	0.00
50 S	Toluene-d8	1.180	1.311	-11.1	82	0.00
51 T	4-Methyl-2-Pentanone	0.571	0.737	-29.1#	89	0.00
52 CM	Toluene	0.827	1.047	-26.6#	90	0.00
53 T	t-1,3-Dichloropropene	0.541	0.688	-27.2#	90	0.00
54 T	cis-1,3-Dichloropropene	0.561	0.733	-30.7#	91	0.00
55 T	1,1,2-Trichloroethane	0.330	0.452	-37.0#	94	0.00
56 T	Ethyl methacrylate	0.550	0.756	-37.5#	92	0.00
57 T	1,3-Dichloropropane	0.575	0.731	-27.1#	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.296	0.394	-33.1#	83	0.00
59 T	2-Hexanone	0.425	0.551	-29.6#	89	0.00
60 T	Dibromochloromethane	0.406	0.561	-38.2#	97	0.00
61 T	1,2-Dibromoethane	0.358	0.485	-35.5#	96	0.00
62 S	4-Bromofluorobenzene	0.440	0.421	4.3	71	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.363	0.337	7.2	94	0.00
65 PM	Chlorobenzene	1.187	1.141	3.9	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.398	0.422	-6.0	98	0.00
67 C	Ethyl Benzene	1.993	1.890	5.2#	91	0.00
68 T	m/p-Xylenes	0.751	0.743	1.1	94	0.00
69 T	o-Xylene	0.734	0.688	6.3	89	0.00
70 T	Styrene	1.232	1.189	3.5	89	0.00
71 P	Bromoform	0.367	0.359	2.2	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
73 T	Isopropylbenzene	3.629	3.511	3.3	80	0.00
74 T	N-amyl acetate	1.822	2.014	-10.5	89	0.00
75 P	1,1,2,2-Tetrachloroethane	1.280	1.270	0.8	82	0.00
76 T	1,2,3-Trichloropropane	1.205	1.071	11.1	58	0.00
77 T	Bromobenzene	0.937	0.923	1.5	80	0.00
78 T	n-propylbenzene	4.268	4.134	3.1	81	0.00
79 T	2-Chlorotoluene	2.579	2.494	3.3	81	0.00
80 T	1,3,5-Trimethylbenzene	2.959	2.971	-0.4	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.421	0.439	-4.3	80	0.00
82 T	4-Chlorotoluene	3.025	3.038	-0.4	84	0.00
83 T	tert-Butylbenzene	3.060	3.017	1.4	81	0.00
84 T	1,2,4-Trimethylbenzene	2.985	3.016	-1.0	82	0.00
85 T	sec-Butylbenzene	3.782	3.751	0.8	85	0.00
86 T	p-Isopropyltoluene	3.180	3.152	0.9	83	0.00
87 T	1,3-Dichlorobenzene	1.756	1.713	2.4	82	0.00
88 T	1,4-Dichlorobenzene	1.814	1.740	4.1	82	0.00
89 T	n-Butylbenzene	2.983	2.973	0.3	87	0.00
90 T	Hexachloroethane	0.606	0.610	-0.7	87	0.00
91 T	1,2-Dichlorobenzene	1.686	1.670	0.9	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.297	0.324	-9.1	86	0.00
93 T	1,2,4-Trichlorobenzene	1.120	1.091	2.6	81	0.00
94 T	Hexachlorobutadiene	0.468	0.430	8.1	84	0.00
95 T	Naphthalene	3.603	3.810	-5.7	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.042	1.060	-1.7	83	0.00

(#) = Out of Range

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