

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038901.D
 Acq On : 16 Jul 2025 10:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 17 06:11:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	96	0.00
2 T	Dichlorodifluoromethane	0.439	0.377	14.1	93	0.00
3 P	Chloromethane	0.474	0.384	19.0	93	0.00
4 C	Vinyl Chloride	0.543	0.486	10.5#	104	0.00
5 T	Bromomethane	0.407	0.350	14.0	101	0.00
6 T	Chloroethane	0.363	0.346	4.7	106	0.00
7 T	Trichlorofluoromethane	0.961	0.909	5.4	101	0.00
8 T	Diethyl Ether	0.345	0.356	-3.2	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.574	0.572	0.3	105	0.00
10 T	Methyl Iodide	0.660	0.660	0.0	98	0.00
11 T	Tert butyl alcohol	0.141	0.159	-12.8	115	0.00
12 CM	1,1-Dichloroethene	0.523	0.476	9.0#	101	0.00
13 T	Acrolein	0.020	0.021	-5.0	101	0.00
14 T	Allyl chloride	0.834	0.861	-3.2	111	0.00
15 T	Acrylonitrile	0.360	0.384	-6.7	112	0.00
16 T	Acetone	0.264	0.308	-16.7	115	0.00
17 T	Carbon Disulfide	1.092	0.758	30.6#	88	0.00
18 T	Methyl Acetate	0.894	1.120	-25.3#	119	0.00
19 T	Methyl tert-butyl Ether	1.963	2.094	-6.7	110	0.00
20 T	Methylene Chloride	0.671	0.607	9.5	104	0.00
21 T	trans-1,2-Dichloroethene	0.557	0.495	11.1	100	0.00
22 T	Diisopropyl ether	1.666	1.937	-16.3	113	0.00
23 T	Vinyl Acetate	1.307	1.469	-12.4	110	0.00
24 P	1,1-Dichloroethane	1.091	1.112	-1.9	107	0.00
25 T	2-Butanone	0.379	0.456	-20.3#	115	0.00
26 T	2,2-Dichloropropane	0.955	0.994	-4.1	106	0.00
27 T	cis-1,2-Dichloroethene	0.640	0.670	-4.7	108	0.00
28 T	Bromochloromethane	0.422	0.476	-12.8	109	0.00
29 T	Tetrahydrofuran	0.250	0.291	-16.4	113	0.00
30 C	Chloroform	1.203	1.214	-0.9#	106	0.00
31 T	Cyclohexane	0.716	0.638	10.9	98	0.00
32 T	1,1,1-Trichloroethane	1.050	1.045	0.5	106	0.00
33 S	1,2-Dichloroethane-d4	0.611	0.543	11.1	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.341	0.317	7.0	98	0.00
36 T	1,1-Dichloropropene	0.392	0.401	-2.3	103	0.00
37 T	Ethyl Acetate	0.461	0.521	-13.0	111	0.00
38 T	Carbon Tetrachloride	0.520	0.515	1.0	103	0.00
39 T	Methylcyclohexane	0.462	0.434	6.1	97	0.00
40 TM	Benzene	1.328	1.357	-2.2	104	0.00
41 T	Methacrylonitrile	0.212	0.261	-23.1#	113	0.00
42 TM	1,2-Dichloroethane	0.506	0.509	-0.6	105	0.00
43 T	Isopropyl Acetate	0.730	0.825	-13.0	112	0.00
44 TM	Trichloroethene	0.347	0.336	3.2	104	0.00
45 C	1,2-Dichloropropane	0.351	0.372	-6.0#	107	0.00
46 T	Dibromomethane	0.271	0.272	-0.4	103	0.00
47 T	Bromodichloromethane	0.576	0.615	-6.8	107	0.00
48 T	Methyl methacrylate	0.317	0.378	-19.2	110	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.008	-14.3	108	0.00
50 S	Toluene-d8	1.030	0.918	10.9	93	0.00
51 T	4-Methyl-2-Pentanone	0.497	0.593	-19.3	112	0.00
52 CM	Toluene	0.837	0.884	-5.6#	103	0.00
53 T	t-1,3-Dichloropropene	0.521	0.582	-11.7	108	0.00
54 T	cis-1,3-Dichloropropene	0.563	0.617	-9.6	109	0.00
55 T	1,1,2-Trichloroethane	0.400	0.422	-5.5	107	0.00
56 T	Ethyl methacrylate	0.475	0.595	-25.3#	110	0.00
57 T	1,3-Dichloropropane	0.600	0.662	-10.3	109	0.00
58 T	2-Chloroethyl Vinyl ether	0.287	0.374	-30.3#	108	0.00
59 T	2-Hexanone	0.370	0.439	-18.6	111	0.00
60 T	Dibromochloromethane	0.471	0.502	-6.6	108	0.00
61 T	1,2-Dibromoethane	0.403	0.420	-4.2	106	0.00
62 S	4-Bromofluorobenzene	0.415	0.415	0.0	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.328	0.307	6.4	100	0.00
65 PM	Chlorobenzene	1.093	1.127	-3.1	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.436	0.449	-3.0	105	0.00
67 C	Ethyl Benzene	1.622	1.866	-15.0#	105	0.00
68 T	m/p-Xylenes	0.632	0.742	-17.4	103	0.00
69 T	o-Xylene	0.596	0.699	-17.3	105	0.00
70 T	Styrene	1.054	1.299	-23.2#	106	0.00
71 P	Bromoform	0.354	0.392	-10.7	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	2.988	3.352	-12.2	104	0.00
74 T	N-amyl acetate	1.094	1.311	-19.8	109	0.00
75 P	1,1,2,2-Tetrachloroethane	1.251	1.285	-2.7	107	0.00
76 T	1,2,3-Trichloropropane	0.930	0.980	-5.4	109	0.00
77 T	Bromobenzene	0.784	0.827	-5.5	104	0.00
78 T	n-propylbenzene	3.492	4.043	-15.8	106	0.00
79 T	2-Chlorotoluene	2.221	2.386	-7.4	103	0.00
80 T	1,3,5-Trimethylbenzene	2.519	2.922	-16.0	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.381	0.429	-12.6	110	0.00
82 T	4-Chlorotoluene	2.482	2.835	-14.2	105	0.00
83 T	tert-Butylbenzene	2.641	2.994	-13.4	105	0.00
84 T	1,2,4-Trimethylbenzene	2.479	2.890	-16.6	103	0.00
85 T	sec-Butylbenzene	3.371	3.890	-15.4	105	0.00
86 T	p-Isopropyltoluene	2.862	3.277	-14.5	105	0.00
87 T	1,3-Dichlorobenzene	1.600	1.683	-5.2	105	0.00
88 T	1,4-Dichlorobenzene	1.740	1.737	0.2	106	0.00
89 T	n-Butylbenzene	2.613	3.156	-20.8#	107	0.00
90 T	Hexachloroethane	0.681	0.675	0.9	106	0.00
91 T	1,2-Dichlorobenzene	1.553	1.620	-4.3	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.283	0.290	-2.5	103	0.00
93 T	1,2,4-Trichlorobenzene	0.917	1.081	-17.9	108	0.00
94 T	Hexachlorobutadiene	0.472	0.494	-4.7	106	0.00
95 T	Naphthalene	3.012	3.805	-26.3#	108	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.950	1.119	-17.8	105	0.00

(#) = Out of Range

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