

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071525\
 Data File : VV038899.D
 Acq On : 15 Jul 2025 13:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 16 01:30:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 01:18:54 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	92	0.00
2 T	Dichlorodifluoromethane	0.439	0.367	16.4	87	0.00
3 P	Chloromethane	0.474	0.364	23.2#	85	0.00
4 C	Vinyl Chloride	0.543	0.446	17.9#	91	0.00
5 T	Bromomethane	0.407	0.329	19.2	91	0.00
6 T	Chloroethane	0.363	0.314	13.5	92	0.00
7 T	Trichlorofluoromethane	0.961	0.885	7.9	94	0.00
8 T	Diethyl Ether	0.345	0.336	2.6	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.574	0.553	3.7	97	0.00
10 T	Methyl Iodide	0.660	0.614	7.0	87	0.00
11 T	Tert butyl alcohol	0.141	0.152	-7.8	106	0.00
12 CM	1,1-Dichloroethene	0.523	0.455	13.0#	92	0.00
13 T	Acrolein	0.020	0.020	0.0	90	0.00
14 T	Allyl chloride	0.834	0.801	4.0	99	0.00
15 T	Acrylonitrile	0.360	0.370	-2.8	103	0.00
16 T	Acetone	0.264	0.288	-9.1	103	0.00
17 T	Carbon Disulfide	1.092	0.737	32.5#	82	0.00
18 T	Methyl Acetate	0.894	1.042	-16.6	106	0.00
19 T	Methyl tert-butyl Ether	1.963	2.017	-2.8	101	0.00
20 T	Methylene Chloride	0.671	0.605	9.8	99	0.00
21 T	trans-1,2-Dichloroethene	0.557	0.477	14.4	92	0.00
22 T	Diisopropyl ether	1.666	1.820	-9.2	101	0.00
23 T	Vinyl Acetate	1.307	1.394	-6.7	100	0.00
24 P	1,1-Dichloroethane	1.091	1.071	1.8	98	0.00
25 T	2-Butanone	0.379	0.436	-15.0	105	0.00
26 T	2,2-Dichloropropane	0.955	0.968	-1.4	99	0.00
27 T	cis-1,2-Dichloroethene	0.640	0.636	0.6	99	0.00
28 T	Bromochloromethane	0.422	0.455	-7.8	100	0.00
29 T	Tetrahydrofuran	0.250	0.281	-12.4	104	0.00
30 C	Chloroform	1.203	1.189	1.2#	99	0.00
31 T	Cyclohexane	0.716	0.632	11.7	93	0.00
32 T	1,1,1-Trichloroethane	1.050	1.025	2.4	99	0.00
33 S	1,2-Dichloroethane-d4	0.611	0.554	9.3	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.341	0.322	5.6	94	0.00
36 T	1,1-Dichloropropene	0.392	0.376	4.1	91	0.00
37 T	Ethyl Acetate	0.461	0.508	-10.2	102	0.00
38 T	Carbon Tetrachloride	0.520	0.524	-0.8	99	0.00
39 T	Methylcyclohexane	0.462	0.438	5.2	93	0.00
40 TM	Benzene	1.328	1.336	-0.6	96	0.00
41 T	Methacrylonitrile	0.212	0.250	-17.9	102	0.00
42 TM	1,2-Dichloroethane	0.506	0.511	-1.0	99	0.00
43 T	Isopropyl Acetate	0.730	0.800	-9.6	102	0.00
44 TM	Trichloroethene	0.347	0.332	4.3	97	0.00
45 C	1,2-Dichloropropane	0.351	0.361	-2.8#	98	0.00
46 T	Dibromomethane	0.271	0.283	-4.4	101	0.00
47 T	Bromodichloromethane	0.576	0.609	-5.7	100	0.00
48 T	Methyl methacrylate	0.317	0.374	-18.0	103	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	102	0.00
50 S	Toluene-d8	1.030	0.951	7.7	91	0.00
51 T	4-Methyl-2-Pentanone	0.497	0.585	-17.7	104	0.00
52 CM	Toluene	0.837	0.899	-7.4#	99	0.00
53 T	t-1,3-Dichloropropene	0.521	0.578	-10.9	101	0.00
54 T	cis-1,3-Dichloropropene	0.563	0.606	-7.6	100	0.00
55 T	1,1,2-Trichloroethane	0.400	0.417	-4.2	100	0.00
56 T	Ethyl methacrylate	0.475	0.589	-24.0#	103	0.00
57 T	1,3-Dichloropropane	0.600	0.656	-9.3	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.287	0.379	-32.1#	103	0.00
59 T	2-Hexanone	0.370	0.435	-17.6	104	0.00
60 T	Dibromochloromethane	0.471	0.500	-6.2	101	0.00
61 T	1,2-Dibromoethane	0.403	0.422	-4.7	100	0.00
62 S	4-Bromofluorobenzene	0.415	0.446	-7.5	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.328	0.296	9.8	96	0.00
65 PM	Chlorobenzene	1.093	1.087	0.5	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.436	0.436	0.0	101	0.00
67 C	Ethyl Benzene	1.622	1.761	-8.6#	98	0.00
68 T	m/p-Xylenes	0.632	0.713	-12.8	98	0.00
69 T	o-Xylene	0.596	0.673	-12.9	100	0.00
70 T	Styrene	1.054	1.244	-18.0	100	0.00
71 P	Bromoform	0.354	0.375	-5.9	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	2.988	3.186	-6.6	99	0.00
74 T	N-amyl acetate	1.094	1.223	-11.8	102	0.00
75 P	1,1,2,2-Tetrachloroethane	1.251	1.217	2.7	102	0.00
76 T	1,2,3-Trichloropropane	0.930	0.912	1.9	102	0.00
77 T	Bromobenzene	0.784	0.775	1.1	99	0.00
78 T	n-propylbenzene	3.492	3.809	-9.1	101	0.00
79 T	2-Chlorotoluene	2.221	2.294	-3.3	100	0.00
80 T	1,3,5-Trimethylbenzene	2.519	2.757	-9.4	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.381	0.403	-5.8	104	0.00
82 T	4-Chlorotoluene	2.482	2.730	-10.0	102	0.00
83 T	tert-Butylbenzene	2.641	2.860	-8.3	101	0.00
84 T	1,2,4-Trimethylbenzene	2.479	2.779	-12.1	100	0.00
85 T	sec-Butylbenzene	3.371	3.700	-9.8	101	0.00
86 T	p-Isopropyltoluene	2.862	3.123	-9.1	101	0.00
87 T	1,3-Dichlorobenzene	1.600	1.608	-0.5	101	0.00
88 T	1,4-Dichlorobenzene	1.740	1.650	5.2	101	0.00
89 T	n-Butylbenzene	2.613	2.993	-14.5	102	0.00
90 T	Hexachloroethane	0.681	0.647	5.0	103	0.00
91 T	1,2-Dichlorobenzene	1.553	1.563	-0.6	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.283	0.281	0.7	101	0.00
93 T	1,2,4-Trichlorobenzene	0.917	1.027	-12.0	103	0.00
94 T	Hexachlorobutadiene	0.472	0.461	2.3	100	0.00
95 T	Naphthalene	3.012	3.667	-21.7#	105	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	1.080	-13.7	102	0.00

(#) = Out of Range

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