

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR100325\
 Data File : VR026780.D
 Acq On : 3 Oct 2025 18:00
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ICVVR100325

Quant Time: Oct 04 04:50:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82R100325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 04 04:47:37 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	109	0.00
2 T	Dichlorodifluoromethane	0.479	0.499	-4.2	105	0.00
3 P	Chloromethane	0.651	0.580	10.9	104	0.00
4 C	Vinyl Chloride	0.460	0.429	6.7#	103	0.00
5 T	Bromomethane	0.143	0.096	32.9#	101	0.00
6 T	Chloroethane	0.255	0.226	11.4	101	0.00
7 T	Trichlorofluoromethane	0.784	0.737	6.0	101	0.00
8 T	Diethyl Ether	0.356	0.347	2.5	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.478	0.459	4.0	107	0.00
10 T	Methyl Iodide	0.593	0.695	-17.2	110	0.00
11 T	Tert butyl alcohol	0.146	0.141	3.4	109	0.00
12 CM	1,1-Dichloroethene	0.502	0.494	1.6#	108	0.00
13 T	Acrolein	0.148	0.137	7.4	109	0.00
14 T	Allyl chloride	1.033	1.025	0.8	105	0.00
15 T	Acrylonitrile	0.395	0.376	4.8	105	0.00
16 T	Acetone	0.400	0.332	17.0	100	0.00
17 T	Carbon Disulfide	1.159	1.284	-10.8	111	0.00
18 T	Methyl Acetate	0.962	0.918	4.6	104	0.00
19 T	Methyl tert-butyl Ether	1.726	1.718	0.5	107	0.00
20 T	Methylene Chloride	0.610	0.549	10.0	105	0.00
21 T	trans-1,2-Dichloroethene	0.543	0.521	4.1	108	0.00
22 T	Diisopropyl ether	1.962	1.921	2.1	106	0.00
23 T	Vinyl Acetate	1.319	1.212	8.1	104	0.00
24 P	1,1-Dichloroethane	0.985	0.954	3.1	106	0.00
25 T	2-Butanone	0.570	0.538	5.6	103	0.00
26 T	2,2-Dichloropropane	0.715	0.719	-0.6	104	0.00
27 T	cis-1,2-Dichloroethene	0.626	0.624	0.3	108	0.00
28 T	Bromochloromethane	0.492	0.470	4.5	105	0.00
29 T	Tetrahydrofuran	0.371	0.368	0.8	104	0.00
30 C	Chloroform	0.947	0.919	3.0#	107	0.00
31 T	Cyclohexane	1.030	0.968	6.0	107	0.00
32 T	1,1,1-Trichloroethane	0.798	0.809	-1.4	106	0.00
33 S	1,2-Dichloroethane-d4	0.601	0.591	1.7	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
35 S	Dibromofluoromethane	0.275	0.276	-0.4	103	0.00
36 T	1,1-Dichloropropene	0.443	0.434	2.0	108	0.00
37 T	Ethyl Acetate	0.647	0.622	3.9	106	0.00
38 T	Carbon Tetrachloride	0.389	0.411	-5.7	108	0.00
39 T	Methylcyclohexane	0.568	0.573	-0.9	108	0.00
40 TM	Benzene	1.387	1.366	1.5	106	0.00
41 T	Methacrylonitrile	0.347	0.326	6.1	97	0.00
42 TM	1,2-Dichloroethane	0.456	0.434	4.8	107	0.00
43 T	Isopropyl Acetate	0.908	0.953	-5.0	107	0.00
44 TM	Trichloroethene	0.344	0.333	3.2	110	0.00
45 C	1,2-Dichloropropane	0.326	0.322	1.2#	106	0.00
46 T	Dibromomethane	0.217	0.216	0.5	106	0.00
47 T	Bromodichloromethane	0.416	0.431	-3.6	108	0.00
48 T	Methyl methacrylate	0.469	0.480	-2.3	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.011	0.011	0.0	103	0.00
50 S	Toluene-d8	1.138	1.183	-4.0	103	0.00
51 T	4-Methyl-2-Pentanone	0.597	0.537	10.1	103	0.00
52 CM	Toluene	0.904	0.901	0.3#	106	0.00
53 T	t-1,3-Dichloropropene	0.468	0.505	-7.9	105	0.00
54 T	cis-1,3-Dichloropropene	0.492	0.537	-9.1	109	0.00
55 T	1,1,2-Trichloroethane	0.320	0.317	0.9	105	0.00
56 T	Ethyl methacrylate	0.594	0.625	-5.2	107	0.00
57 T	1,3-Dichloropropane	0.579	0.579	0.0	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.058	0.076	-31.0#	107	0.00
59 T	2-Hexanone	0.515	0.465	9.7	104	0.00
60 T	Dibromochloromethane	0.309	0.336	-8.7	107	0.00
61 T	1,2-Dibromoethane	0.340	0.331	2.6	105	0.00
62 S	4-Bromofluorobenzene	0.500	0.491	1.8	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.332	0.327	1.5	109	0.00
65 PM	Chlorobenzene	1.106	1.085	1.9	106	0.00
66 T	1,1,1,2-Tetrachloroethane	0.321	0.333	-3.7	108	0.00
67 C	Ethyl Benzene	1.840	1.835	0.3#	107	0.00
68 T	m/p-Xylenes	0.752	0.753	-0.1	107	0.00
69 T	o-Xylene	0.734	0.752	-2.5	107	0.00
70 T	Styrene	1.292	1.321	-2.2	107	0.00
71 P	Bromoform	0.243	0.274	-12.8	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	2.704	2.736	-1.2	106	0.00
74 T	N-amyl acetate	1.509	1.583	-4.9	108	0.00
75 P	1,1,2,2-Tetrachloroethane	0.896	0.894	0.2	107	0.00
76 T	1,2,3-Trichloropropane	0.832	0.776	6.7	93	0.00
77 T	Bromobenzene	0.752	0.735	2.3	107	0.00
78 T	n-propylbenzene	3.334	3.267	2.0	105	0.00
79 T	2-Chlorotoluene	2.078	2.106	-1.3	107	0.00
80 T	1,3,5-Trimethylbenzene	2.446	2.488	-1.7	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.289	0.314	-8.7	103	0.00
82 T	4-Chlorotoluene	2.297	2.230	2.9	106	0.00
83 T	tert-Butylbenzene	2.180	2.233	-2.4	106	0.00
84 T	1,2,4-Trimethylbenzene	2.624	2.627	-0.1	106	0.00
85 T	sec-Butylbenzene	3.170	3.141	0.9	105	0.00
86 T	p-Isopropyltoluene	2.878	2.858	0.7	105	0.00
87 T	1,3-Dichlorobenzene	1.658	1.589	4.2	108	0.00
88 T	1,4-Dichlorobenzene	1.745	1.672	4.2	108	0.00
89 T	n-Butylbenzene	2.816	2.806	0.4	106	0.00
90 T	Hexachloroethane	0.384	0.437	-13.8	105	0.00
91 T	1,2-Dichlorobenzene	1.655	1.636	1.1	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.227	0.264	-16.3	109	0.00
93 T	1,2,4-Trichlorobenzene	1.198	1.212	-1.2	110	0.00
94 T	Hexachlorobutadiene	0.517	0.502	2.9	108	0.00
95 T	Naphthalene	3.708	3.992	-7.7	118	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.159	1.184	-2.2	111	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6