

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR081125\
 Data File : VR026739.D
 Acq On : 11 Aug 2025 15:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 12 02:49:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 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	47#	0.00
2 T	Dichlorodifluoromethane	0.364	0.254	30.2#	34#	0.00
3 P	Chloromethane	0.542	0.428	21.0	39#	0.00
4 C	Vinyl Chloride	0.554	0.533	3.8#	48#	0.00
5 T	Bromomethane	0.270	0.297	-10.0	54	0.00
6 T	Chloroethane	0.356	0.358	-0.6	52	0.00
7 T	Trichlorofluoromethane	0.998	1.292	-29.5#	63	0.00
8 T	Diethyl Ether	0.443	0.352	20.5	38#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.538	0.442	17.8	39#	0.00
10 T	Methyl Iodide	0.519	0.411	20.8	37#	0.00
11 T	Tert butyl alcohol	0.099	0.082	17.2	39#	0.00
12 CM	1,1-Dichloroethene	0.532	0.417	21.6#	37#	-0.01
13 T	Acrolein	0.145	0.085	41.4#	27#	0.00
14 T	Allyl chloride	1.046	0.801	23.4	39#	0.00
15 T	Acrylonitrile	0.393	0.389	1.0	45#	0.00
16 T	Acetone	0.297	0.324	-9.1	49#	0.00
17 T	Carbon Disulfide	0.787	0.515	34.6#	31#	0.00
18 T	Methyl Acetate	1.240	1.386	-11.8	52	0.00
19 T	Methyl tert-butyl Ether	2.129	1.692	20.5	38#	0.00
20 T	Methylene Chloride	0.705	0.571	19.0	40#	0.00
21 T	trans-1,2-Dichloroethene	0.585	0.472	19.3	39#	0.00
22 T	Diisopropyl ether	2.452	2.135	12.9	41#	0.00
23 T	Vinyl Acetate	1.398	1.326	5.2	44#	0.00
24 P	1,1-Dichloroethane	1.242	0.986	20.6	39#	0.00
25 T	2-Butanone	0.460	0.522	-13.5	51	0.00
26 T	2,2-Dichloropropane	0.858	0.626	27.0#	34#	0.00
27 T	cis-1,2-Dichloroethene	0.752	0.644	14.4	40#	-0.01
28 T	Bromochloromethane	0.447	0.380	15.0	44#	0.00
29 C	Chloroform	1.076	0.957	11.1#	42#	0.00
30 T	Cyclohexane	1.003	0.749	25.3#	38#	0.00
31 T	1,1,1-Trichloroethane	0.777	0.670	13.8	40#	0.00
32 S	1,2-Dichloroethane-d4	0.633	0.564	10.9	41#	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	45#	0.00
34 S	Dibromofluoromethane	0.309	0.281	9.1	39#	0.00
35 T	1,1-Dichloropropene	0.390	0.359	7.9	41#	0.00
36 T	Ethyl Acetate	0.467	0.467	0.0	44#	0.00
37 T	Carbon Tetrachloride	0.318	0.300	5.7	41#	0.00
38 T	Methylcyclohexane	0.447	0.407	8.9	41#	0.00
39 TM	Benzene	1.405	1.325	5.7	42#	0.00
40 T	Methacrylonitrile	0.290	0.308	-6.2	48#	0.00
41 TM	1,2-Dichloroethane	0.357	0.343	3.9	44#	0.00
42 T	Isopropyl Acetate	0.751	0.754	-0.4	44#	0.00
43 TM	Trichloroethene	0.270	0.267	1.1	46#	0.00
44 C	1,2-Dichloropropane	0.332	0.316	4.8#	44#	0.00
45 T	Dibromomethane	0.185	0.192	-3.8	48#	0.00
46 T	Bromodichloromethane	0.358	0.379	-5.9	46#	0.00
47 T	Methyl methacrylate	0.329	0.374	-13.7	49#	0.00
48 T	1,4-Dioxane	0.005	0.007	-40.0#	55	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 S	Toluene-d8	1.108	1.153	-4.1	45#	0.00
50 T	4-Methyl-2-Pentanone	0.392	0.520	-32.7#	57	0.00
51 CM	Toluene	0.717	0.760	-6.0#	48#	0.00
52 T	t-1,3-Dichloropropene	0.351	0.348	0.9	43#	0.00
53 T	cis-1,3-Dichloropropene	0.421	0.430	-2.1	44#	0.00
54 T	1,1,2-Trichloroethane	0.262	0.300	-14.5	51	0.00
55 T	Ethyl methacrylate	0.433	0.495	-14.3	48#	0.00
56 T	1,3-Dichloropropane	0.446	0.498	-11.7	49#	0.00
57 T	2-Chloroethyl Vinyl ether	0.024	0.042	-75.0#	69	0.00
58 T	2-Hexanone	0.264	0.366	-38.6#	57	0.00
59 T	Dibromochloromethane	0.222	0.277	-24.8	54	0.00
60 T	1,2-Dibromoethane	0.225	0.262	-16.4	52	0.00
61 S	4-Bromofluorobenzene	0.315	0.331	-5.1	46#	0.00
62 I	Chlorobenzene-d5	1.000	1.000	0.0	50	0.00
63 T	Tetrachloroethene	0.273	0.264	3.3	50#	0.00
64 PM	Chlorobenzene	1.041	1.023	1.7	50#	0.00
65 T	1,1,1,2-Tetrachloroethane	0.284	0.298	-4.9	50#	0.00
66 C	Ethyl Benzene	1.737	1.704	1.9#	48#	0.00
67 T	m/p-Xylenes	0.694	0.688	0.9	49#	0.00
68 T	o-Xylene	0.674	0.681	-1.0	50#	0.00
69 T	Styrene	1.126	1.176	-4.4	51	0.00
70 P	Bromoform	0.161	0.197	-22.4	56	0.00
71 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	54	0.00
72 T	Isopropylbenzene	3.564	3.242	9.0	50#	0.00
73 T	N-amyl acetate	1.413	1.371	3.0	52	0.00
74 P	1,1,2,2-Tetrachloroethane	1.046	1.088	-4.0	57	0.00
75 T	1,2,3-Trichloropropane	0.829	0.775	6.5	52	0.00
76 T	Bromobenzene	0.825	0.765	7.3	52	0.00
77 T	n-propylbenzene	4.252	3.925	7.7	50	0.00
78 T	2-Chlorotoluene	2.412	2.170	10.0	50	0.00
79 T	1,3,5-Trimethylbenzene	2.787	2.558	8.2	50#	0.00
80 T	trans-1,4-Dichloro-2-butene	0.285	0.283	0.7	49#	0.00
81 T	4-Chlorotoluene	2.464	2.172	11.9	50#	0.00
82 T	tert-Butylbenzene	2.535	2.384	6.0	51	0.00
83 T	1,2,4-Trimethylbenzene	2.759	2.590	6.1	49#	0.00
84 T	sec-Butylbenzene	3.759	3.624	3.6	51	0.00
85 T	p-Isopropyltoluene	3.065	3.044	0.7	52	0.00
86 T	1,3-Dichlorobenzene	1.617	1.579	2.4	53	0.00
87 T	1,4-Dichlorobenzene	1.623	1.571	3.2	54	0.00
88 T	n-Butylbenzene	2.825	2.652	6.1	49#	0.00
89 T	Hexachloroethane	0.440	0.407	7.5	48#	0.00
90 T	1,2-Dichlorobenzene	1.519	1.485	2.2	55	0.00
91 T	1,2-Dibromo-3-Chloropropane	0.139	0.144	-3.6	58	0.00
92 T	1,2,4-Trichlorobenzene	0.908	0.877	3.4	54	0.00
93 T	Hexachlorobutadiene	0.295	0.292	1.0	58	0.00
94 T	Naphthalene	2.783	2.801	-0.6	55	0.00
95 T	1,2,3-Trichlorobenzene	0.862	0.889	-3.1	56	0.00

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