

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
 Data File : VY023391.D
 Acq On : 07 Oct 2025 14:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100725

Quant Time: Oct 08 05:15:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 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	97	0.00
2 T	Dichlorodifluoromethane	0.360	0.323	10.3	98	0.00
3 P	Chloromethane	0.490	0.515	-5.1	112	0.00
4 C	Vinyl Chloride	0.639	0.632	1.1#	103	0.00
5 T	Bromomethane	0.536	0.524	2.2	109	0.00
6 T	Chloroethane	0.435	0.447	-2.8	105	0.00
7 T	Trichlorofluoromethane	0.887	0.862	2.8	100	0.00
8 T	Diethyl Ether	0.232	0.237	-2.2	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.460	0.448	2.6	100	0.00
10 T	Methyl Iodide	0.512	0.531	-3.7	96	0.00
11 T	Tert butyl alcohol	0.031	0.029	6.5	112	0.00
12 CM	1,1-Dichloroethene	0.446	0.443	0.7#	101	0.00
13 T	Acrolein	0.044	0.043	2.3	101	0.00
14 T	Allyl chloride	0.544	0.551	-1.3	102	0.00
15 T	Acrylonitrile	0.089	0.089	0.0	106	0.00
16 T	Acetone	0.100	0.085	15.0	99	0.00
17 T	Carbon Disulfide	1.277	1.277	0.0	101	0.00
18 T	Methyl Acetate	0.261	0.263	-0.8	104	0.00
19 T	Methyl tert-butyl Ether	1.072	1.120	-4.5	107	0.00
20 T	Methylene Chloride	0.538	0.565	-5.0	120	0.00
21 T	trans-1,2-Dichloroethene	0.491	0.506	-3.1	105	0.00
22 T	Diisopropyl ether	1.202	1.235	-2.7	103	0.00
23 T	Vinyl Acetate	0.651	0.679	-4.3	106	0.00
24 P	1,1-Dichloroethane	0.796	0.808	-1.5	104	0.00
25 T	2-Butanone	0.122	0.113	7.4	105	0.00
26 T	2,2-Dichloropropane	0.731	0.725	0.8	100	0.00
27 T	cis-1,2-Dichloroethene	0.567	0.595	-4.9	107	0.00
28 T	Bromochloromethane	0.297	0.270	9.1	99	0.00
29 T	Tetrahydrofuran	0.069	0.070	-1.4	107	0.00
30 C	Chloroform	0.875	0.895	-2.3#	104	0.00
31 T	Cyclohexane	0.696	0.660	5.2	100	0.00
32 T	1,1,1-Trichloroethane	0.795	0.794	0.1	101	0.00
33 S	1,2-Dichloroethane-d4	0.418	0.414	1.0	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.307	0.302	1.6	101	0.00
36 T	1,1-Dichloropropene	0.407	0.405	0.5	102	0.00
37 T	Ethyl Acetate	0.161	0.160	0.6	107	0.00
38 T	Carbon Tetrachloride	0.493	0.480	2.6	100	0.00
39 T	Methylcyclohexane	0.530	0.529	0.2	101	0.00
40 TM	Benzene	1.288	1.286	0.2	102	0.00
41 T	Methacrylonitrile	0.087	0.084	3.4	105	0.00
42 TM	1,2-Dichloroethane	0.332	0.328	1.2	104	0.00
43 T	Isopropyl Acetate	0.321	0.325	-1.2	108	0.00
44 TM	Trichloroethene	0.377	0.370	1.9	101	0.00
45 C	1,2-Dichloropropane	0.285	0.287	-0.7#	105	0.00
46 T	Dibromomethane	0.180	0.183	-1.7	106	0.00
47 T	Bromodichloromethane	0.453	0.457	-0.9	104	0.00
48 T	Methyl methacrylate	0.151	0.149	1.3	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	110	0.00
50 S	Toluene-d8	1.144	1.126	1.6	100	0.00
51 T	4-Methyl-2-Pentanone	0.166	0.168	-1.2	106	0.00
52 CM	Toluene	0.836	0.862	-3.1#	105	0.00
53 T	t-1,3-Dichloropropene	0.394	0.403	-2.3	105	0.00
54 T	cis-1,3-Dichloropropene	0.465	0.480	-3.2	106	0.00
55 T	1,1,2-Trichloroethane	0.242	0.244	-0.8	106	0.00
56 T	Ethyl methacrylate	0.279	0.298	-6.8	107	0.00
57 T	1,3-Dichloropropane	0.383	0.392	-2.3	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.136	-8.8	106	0.00
59 T	2-Hexanone	0.119	0.116	2.5	105	0.00
60 T	Dibromochloromethane	0.339	0.346	-2.1	106	0.00
61 T	1,2-Dibromoethane	0.231	0.234	-1.3	105	0.00
62 S	4-Bromofluorobenzene	0.378	0.377	0.3	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.516	0.497	3.7	98	0.00
65 PM	Chlorobenzene	1.087	1.074	1.2	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.384	1.0	106	0.00
67 C	Ethyl Benzene	1.760	1.790	-1.7#	104	0.00
68 T	m/p-Xylenes	0.706	0.718	-1.7	103	0.00
69 T	o-Xylene	0.662	0.683	-3.2	105	0.00
70 T	Styrene	1.089	1.135	-4.2	105	0.00
71 P	Bromoform	0.240	0.241	-0.4	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	3.295	3.316	-0.6	103	0.00
74 T	N-amyl acetate	0.592	0.605	-2.2	108	0.00
75 P	1,1,2,2-Tetrachloroethane	0.539	0.536	0.6	111	0.00
76 T	1,2,3-Trichloropropane	0.441	0.378	14.3	90	0.00
77 T	Bromobenzene	0.876	0.869	0.8	106	0.00
78 T	n-propylbenzene	3.813	3.866	-1.4	103	0.00
79 T	2-Chlorotoluene	2.233	2.235	-0.1	104	0.00
80 T	1,3,5-Trimethylbenzene	2.663	2.728	-2.4	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.180	0.168	6.7	103	0.00
82 T	4-Chlorotoluene	2.300	2.321	-0.9	105	0.00
83 T	tert-Butylbenzene	2.458	2.558	-4.1	105	0.00
84 T	1,2,4-Trimethylbenzene	2.657	2.738	-3.0	105	0.00
85 T	sec-Butylbenzene	3.527	3.586	-1.7	104	0.00
86 T	p-Isopropyltoluene	3.003	3.115	-3.7	104	0.00
87 T	1,3-Dichlorobenzene	1.706	1.693	0.8	106	0.00
88 T	1,4-Dichlorobenzene	1.685	1.656	1.7	105	0.00
89 T	n-Butylbenzene	2.616	2.712	-3.7	105	0.00
90 T	Hexachloroethane	0.646	0.634	1.9	105	0.00
91 T	1,2-Dichlorobenzene	1.496	1.487	0.6	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.088	0.086	2.3	107	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.954	-2.4	107	0.00
94 T	Hexachlorobutadiene	0.581	0.582	-0.2	104	0.00
95 T	Naphthalene	1.485	1.549	-4.3	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.808	0.827	-2.4	108	0.00

(#) = Out of Range

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