

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
 Data File : VY023727.D
 Acq On : 10 Nov 2025 20:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 11 02:12:35 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	92	0.00
2 T	Dichlorodifluoromethane	0.360	0.277	23.1	79	0.00
3 P	Chloromethane	0.490	0.392	20.0	80	0.00
4 C	Vinyl Chloride	0.639	0.528	17.4#	81	0.00
5 T	Bromomethane	0.536	0.451	15.9	88	0.01
6 T	Chloroethane	0.435	0.383	12.0	85	0.01
7 T	Trichlorofluoromethane	0.887	0.762	14.1	83	0.01
8 T	Diethyl Ether	0.232	0.231	0.4	99	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.460	0.444	3.5	93	0.01
10 T	Methyl Iodide	0.512	0.622	-21.5	106	0.01
11 T	Tert butyl alcohol	0.031	0.026	16.1	95	0.00
12 CM	1,1-Dichloroethene	0.446	0.441	1.1#	95	0.01
13 T	Acrolein	0.044	0.020	54.5#	45#	0.01
14 T	Allyl chloride	0.544	0.537	1.3	94	0.01
15 T	Acrylonitrile	0.089	0.087	2.2	98	0.01
16 T	Acetone	0.100	0.085	15.0	93	0.00
17 T	Carbon Disulfide	1.277	1.299	-1.7	98	0.01
18 T	Methyl Acetate	0.261	0.221	15.3	83	0.00
19 T	Methyl tert-butyl Ether	1.072	1.111	-3.6	100	0.00
20 T	Methylene Chloride	0.538	0.504	6.3	101	0.00
21 T	trans-1,2-Dichloroethene	0.491	0.508	-3.5	99	0.02
22 T	Diisopropyl ether	1.202	1.252	-4.2	99	0.00
23 T	Vinyl Acetate	0.651	0.664	-2.0	98	0.01
24 P	1,1-Dichloroethane	0.796	0.808	-1.5	98	0.00
25 T	2-Butanone	0.122	0.109	10.7	95	0.00
26 T	2,2-Dichloropropane	0.731	0.718	1.8	94	0.00
27 T	cis-1,2-Dichloroethene	0.567	0.609	-7.4	103	0.00
28 T	Bromochloromethane	0.297	0.299	-0.7	103	0.00
29 T	Tetrahydrofuran	0.069	0.065	5.8	94	0.00
30 C	Chloroform	0.875	0.904	-3.3#	99	0.00
31 T	Cyclohexane	0.696	0.670	3.7	96	0.00
32 T	1,1,1-Trichloroethane	0.795	0.802	-0.9	96	0.00
33 S	1,2-Dichloroethane-d4	0.418	0.407	2.6	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.307	0.305	0.7	97	0.00
36 T	1,1-Dichloropropene	0.407	0.413	-1.5	99	0.00
37 T	Ethyl Acetate	0.161	0.159	1.2	100	0.01
38 T	Carbon Tetrachloride	0.493	0.483	2.0	95	0.00
39 T	Methylcyclohexane	0.530	0.541	-2.1	98	0.00
40 TM	Benzene	1.288	1.315	-2.1	99	0.00
41 T	Methacrylonitrile	0.087	0.089	-2.3	106	0.01
42 TM	1,2-Dichloroethane	0.332	0.325	2.1	98	0.00
43 T	Isopropyl Acetate	0.321	0.308	4.0	97	0.00
44 TM	Trichloroethene	0.377	0.380	-0.8	98	0.00
45 C	1,2-Dichloropropane	0.285	0.294	-3.2#	102	0.00
46 T	Dibromomethane	0.180	0.181	-0.6	99	0.00
47 T	Bromodichloromethane	0.453	0.458	-1.1	99	0.00
48 T	Methyl methacrylate	0.151	0.145	4.0	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	88	0.00
50 S	Toluene-d8	1.144	1.152	-0.7	97	0.00
51 T	4-Methyl-2-Pentanone	0.166	0.161	3.0	96	0.00
52 CM	Toluene	0.836	0.876	-4.8#	101	0.00
53 T	t-1,3-Dichloropropene	0.394	0.402	-2.0	99	0.00
54 T	cis-1,3-Dichloropropene	0.465	0.482	-3.7	101	0.00
55 T	1,1,2-Trichloroethane	0.242	0.246	-1.7	101	0.00
56 T	Ethyl methacrylate	0.279	0.295	-5.7	101	0.00
57 T	1,3-Dichloropropane	0.383	0.393	-2.6	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.128	-2.4	95	0.00
59 T	2-Hexanone	0.119	0.111	6.7	94	0.00
60 T	Dibromochloromethane	0.339	0.344	-1.5	100	0.00
61 T	1,2-Dibromoethane	0.231	0.233	-0.9	100	0.00
62 S	4-Bromofluorobenzene	0.378	0.382	-1.1	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.516	0.540	-4.7	100	0.00
65 PM	Chlorobenzene	1.087	1.100	-1.2	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.390	-0.5	101	0.00
67 C	Ethyl Benzene	1.760	1.849	-5.1#	100	0.00
68 T	m/p-Xylenes	0.706	0.744	-5.4	100	0.00
69 T	o-Xylene	0.662	0.702	-6.0	101	0.00
70 T	Styrene	1.089	1.160	-6.5	101	0.00
71 P	Bromoform	0.240	0.233	2.9	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.295	3.486	-5.8	100	0.00
74 T	N-amyl acetate	0.592	0.564	4.7	92	0.00
75 P	1,1,2,2-Tetrachloroethane	0.539	0.522	3.2	100	0.00
76 T	1,2,3-Trichloropropane	0.441	0.396	10.2	87	0.00
77 T	Bromobenzene	0.876	0.884	-0.9	100	0.00
78 T	n-propylbenzene	3.813	4.066	-6.6	100	0.00
79 T	2-Chlorotoluene	2.233	2.302	-3.1	98	0.00
80 T	1,3,5-Trimethylbenzene	2.663	2.835	-6.5	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.180	0.174	3.3	98	0.00
82 T	4-Chlorotoluene	2.300	2.391	-4.0	100	0.00
83 T	tert-Butylbenzene	2.458	2.553	-3.9	96	0.00
84 T	1,2,4-Trimethylbenzene	2.657	2.834	-6.7	100	0.00
85 T	sec-Butylbenzene	3.527	3.687	-4.5	98	0.00
86 T	p-Isopropyltoluene	3.003	3.160	-5.2	97	0.00
87 T	1,3-Dichlorobenzene	1.706	1.700	0.4	98	0.00
88 T	1,4-Dichlorobenzene	1.685	1.660	1.5	97	0.00
89 T	n-Butylbenzene	2.616	2.724	-4.1	97	0.00
90 T	Hexachloroethane	0.646	0.643	0.5	98	0.00
91 T	1,2-Dichlorobenzene	1.496	1.491	0.3	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.088	0.075	14.8	86	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.861	7.6	89	0.00
94 T	Hexachlorobutadiene	0.581	0.531	8.6	88	0.00
95 T	Naphthalene	1.485	1.362	8.3	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.808	0.725	10.3	87	0.00

(#) = Out of Range

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