

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
 Data File : VY023712.D
 Acq On : 10 Nov 2025 10:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 11 02:05:22 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	0.287	20.3	86	0.00
3 P	Chloromethane	0.490	0.423	13.7	91	0.00
4 C	Vinyl Chloride	0.639	0.549	14.1#	89	0.00
5 T	Bromomethane	0.536	0.421	21.5	87	0.00
6 T	Chloroethane	0.435	0.381	12.4	89	0.00
7 T	Trichlorofluoromethane	0.887	0.804	9.4	92	0.00
8 T	Diethyl Ether	0.232	0.197	15.1	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.460	0.457	0.7	101	0.00
10 T	Methyl Iodide	0.512	0.537	-4.9	96	0.00
11 T	Tert butyl alcohol	0.031	0.023	25.8#	89	0.00
12 CM	1,1-Dichloroethene	0.446	0.429	3.8#	97	0.00
13 T	Acrolein	0.044	0.020	54.5#	46#	0.00
14 T	Allyl chloride	0.544	0.546	-0.4	100	0.00
15 T	Acrylonitrile	0.089	0.077	13.5	91	0.00
16 T	Acetone	0.100	0.085	15.0	98	0.00
17 T	Carbon Disulfide	1.277	1.334	-4.5	105	0.00
18 T	Methyl Acetate	0.261	0.184	29.5#	73	0.00
19 T	Methyl tert-butyl Ether	1.072	0.937	12.6	89	0.00
20 T	Methylene Chloride	0.538	0.467	13.2	99	0.00
21 T	trans-1,2-Dichloroethene	0.491	0.492	-0.2	101	0.00
22 T	Diisopropyl ether	1.202	1.225	-1.9	102	0.00
23 T	Vinyl Acetate	0.651	0.625	4.0	97	0.00
24 P	1,1-Dichloroethane	0.796	0.800	-0.5	102	0.00
25 T	2-Butanone	0.122	0.099	18.9	91	0.00
26 T	2,2-Dichloropropane	0.731	0.731	0.0	100	0.00
27 T	cis-1,2-Dichloroethene	0.567	0.558	1.6	99	0.00
28 T	Bromochloromethane	0.297	0.311	-4.7	113	0.00
29 T	Tetrahydrofuran	0.069	0.056	18.8	85	0.00
30 C	Chloroform	0.875	0.881	-0.7#	102	0.00
31 T	Cyclohexane	0.696	0.701	-0.7	105	0.00
32 T	1,1,1-Trichloroethane	0.795	0.796	-0.1	100	0.00
33 S	1,2-Dichloroethane-d4	0.418	0.401	4.1	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.307	0.314	-2.3	100	0.00
36 T	1,1-Dichloropropene	0.407	0.434	-6.6	104	0.00
37 T	Ethyl Acetate	0.161	0.148	8.1	93	0.00
38 T	Carbon Tetrachloride	0.493	0.515	-4.5	101	0.00
39 T	Methylcyclohexane	0.530	0.570	-7.5	102	0.00
40 TM	Benzene	1.288	1.355	-5.2	102	0.00
41 T	Methacrylonitrile	0.087	0.085	2.3	101	0.00
42 TM	1,2-Dichloroethane	0.332	0.324	2.4	98	0.00
43 T	Isopropyl Acetate	0.321	0.269	16.2	85	0.00
44 TM	Trichloroethene	0.377	0.374	0.8	97	0.00
45 C	1,2-Dichloropropane	0.285	0.297	-4.2#	103	0.00
46 T	Dibromomethane	0.180	0.173	3.9	95	0.00
47 T	Bromodichloromethane	0.453	0.456	-0.7	98	0.00
48 T	Methyl methacrylate	0.151	0.133	11.9	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	78	0.00
50 S	Toluene-d8	1.144	1.222	-6.8	103	0.00
51 T	4-Methyl-2-Pentanone	0.166	0.145	12.7	86	0.00
52 CM	Toluene	0.836	0.884	-5.7#	101	0.00
53 T	t-1,3-Dichloropropene	0.394	0.377	4.3	93	0.00
54 T	cis-1,3-Dichloropropene	0.465	0.463	0.4	96	0.00
55 T	1,1,2-Trichloroethane	0.242	0.227	6.2	93	0.00
56 T	Ethyl methacrylate	0.279	0.255	8.6	87	0.00
57 T	1,3-Dichloropropane	0.383	0.369	3.7	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.113	9.6	83	0.00
59 T	2-Hexanone	0.119	0.101	15.1	85	0.00
60 T	Dibromochloromethane	0.339	0.320	5.6	93	0.00
61 T	1,2-Dibromoethane	0.231	0.212	8.2	90	0.00
62 S	4-Bromofluorobenzene	0.378	0.389	-2.9	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.516	0.533	-3.3	96	0.00
65 PM	Chlorobenzene	1.087	1.098	-1.0	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.384	1.0	97	0.00
67 C	Ethyl Benzene	1.760	1.889	-7.3#	100	0.00
68 T	m/p-Xylenes	0.706	0.755	-6.9	99	0.00
69 T	o-Xylene	0.662	0.685	-3.5	96	0.00
70 T	Styrene	1.089	1.139	-4.6	97	0.00
71 P	Bromoform	0.240	0.210	12.5	86	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.295	3.649	-10.7	99	0.00
74 T	N-amyl acetate	0.592	0.521	12.0	81	0.00
75 P	1,1,2,2-Tetrachloroethane	0.539	0.483	10.4	87	0.00
76 T	1,2,3-Trichloropropane	0.441	0.394	10.7	82	0.00
77 T	Bromobenzene	0.876	0.871	0.6	93	0.00
78 T	n-propylbenzene	3.813	4.305	-12.9	100	0.00
79 T	2-Chlorotoluene	2.233	2.446	-9.5	99	0.00
80 T	1,3,5-Trimethylbenzene	2.663	2.974	-11.7	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.180	0.168	6.7	89	0.00
82 T	4-Chlorotoluene	2.300	2.516	-9.4	99	0.00
83 T	tert-Butylbenzene	2.458	2.645	-7.6	94	0.00
84 T	1,2,4-Trimethylbenzene	2.657	2.933	-10.4	97	0.00
85 T	sec-Butylbenzene	3.527	3.896	-10.5	98	0.00
86 T	p-Isopropyltoluene	3.003	3.265	-8.7	95	0.00
87 T	1,3-Dichlorobenzene	1.706	1.721	-0.9	93	0.00
88 T	1,4-Dichlorobenzene	1.685	1.647	2.3	91	0.00
89 T	n-Butylbenzene	2.616	2.851	-9.0	95	0.00
90 T	Hexachloroethane	0.646	0.673	-4.2	97	0.00
91 T	1,2-Dichlorobenzene	1.496	1.459	2.5	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.088	0.071	19.3	77	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.804	13.7	79	0.00
94 T	Hexachlorobutadiene	0.581	0.542	6.7	84	0.00
95 T	Naphthalene	1.485	1.133	23.7	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.808	0.670	17.1	76	0.00

(#) = Out of Range

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