

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101025\
 Data File : VY023445.D
 Acq On : 10 Oct 2025 17:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 11 02:01:45 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	95	0.00
2 T	Dichlorodifluoromethane	0.360	0.306	15.0	91	0.00
3 P	Chloromethane	0.490	0.407	16.9	86	0.00
4 C	Vinyl Chloride	0.639	0.558	12.7#	89	0.00
5 T	Bromomethane	0.536	0.463	13.6	94	0.00
6 T	Chloroethane	0.435	0.395	9.2	91	0.00
7 T	Trichlorofluoromethane	0.887	0.803	9.5	91	0.00
8 T	Diethyl Ether	0.232	0.214	7.8	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.460	0.441	4.1	96	0.01
10 T	Methyl Iodide	0.512	0.572	-11.7	101	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#	95	0.00
13 T	Acrolein	0.044	0.027	38.6#	62	0.00
14 T	Allyl chloride	0.544	0.492	9.6	89	0.01
15 T	Acrylonitrile	0.089	0.078	12.4	91	0.00
16 T	Acetone	0.100	0.067	33.0#	76	0.00
17 T	Carbon Disulfide	1.277	1.209	5.3	94	0.00
18 T	Methyl Acetate	0.261	0.238	8.8	92	0.00
19 T	Methyl tert-butyl Ether	1.072	1.011	5.7	94	0.01
20 T	Methylene Chloride	0.538	0.459	14.7	95	0.00
21 T	trans-1,2-Dichloroethene	0.491	0.481	2.0	97	0.01
22 T	Diisopropyl ether	1.202	1.136	5.5	93	0.00
23 T	Vinyl Acetate	0.651	0.586	10.0	89	0.00
24 P	1,1-Dichloroethane	0.796	0.760	4.5	95	0.00
25 T	2-Butanone	0.122	0.093	23.8	84	0.00
26 T	2,2-Dichloropropane	0.731	0.682	6.7	92	0.00
27 T	cis-1,2-Dichloroethene	0.567	0.571	-0.7	100	0.00
28 T	Bromochloromethane	0.297	0.259	12.8	92	0.00
29 T	Tetrahydrofuran	0.069	0.058	15.9	87	0.00
30 C	Chloroform	0.875	0.861	1.6#	98	0.00
31 T	Cyclohexane	0.696	0.630	9.5	93	0.00
32 T	1,1,1-Trichloroethane	0.795	0.782	1.6	97	0.00
33 S	1,2-Dichloroethane-d4	0.418	0.372	11.0	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.307	0.294	4.2	94	0.00
36 T	1,1-Dichloropropene	0.407	0.409	-0.5	98	0.00
37 T	Ethyl Acetate	0.161	0.139	13.7	88	0.00
38 T	Carbon Tetrachloride	0.493	0.490	0.6	97	0.00
39 T	Methylcyclohexane	0.530	0.543	-2.5	98	0.00
40 TM	Benzene	1.288	1.280	0.6	97	0.00
41 T	Methacrylonitrile	0.087	0.087	0.0	104	0.00
42 TM	1,2-Dichloroethane	0.332	0.312	6.0	94	0.00
43 T	Isopropyl Acetate	0.321	0.286	10.9	90	0.00
44 TM	Trichloroethene	0.377	0.383	-1.6	100	0.00
45 C	1,2-Dichloropropane	0.285	0.280	1.8#	98	0.00
46 T	Dibromomethane	0.180	0.176	2.2	97	0.00
47 T	Bromodichloromethane	0.453	0.450	0.7	98	0.00
48 T	Methyl methacrylate	0.151	0.135	10.6	87	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	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	1.114	2.6	94	0.00
51 T	4-Methyl-2-Pentanone	0.166	0.150	9.6	90	0.00
52 CM	Toluene	0.836	0.859	-2.8#	99	0.00
53 T	t-1,3-Dichloropropene	0.394	0.383	2.8	95	0.00
54 T	cis-1,3-Dichloropropene	0.465	0.460	1.1	96	0.00
55 T	1,1,2-Trichloroethane	0.242	0.240	0.8	99	0.00
56 T	Ethyl methacrylate	0.279	0.280	-0.4	96	0.00
57 T	1,3-Dichloropropane	0.383	0.375	2.1	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.127	-1.6	94	0.00
59 T	2-Hexanone	0.119	0.100	16.0	85	0.00
60 T	Dibromochloromethane	0.339	0.337	0.6	98	0.00
61 T	1,2-Dibromoethane	0.231	0.228	1.3	97	0.00
62 S	4-Bromofluorobenzene	0.378	0.369	2.4	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.516	0.528	-2.3	99	0.00
65 PM	Chlorobenzene	1.087	1.074	1.2	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.380	2.1	100	0.00
67 C	Ethyl Benzene	1.760	1.802	-2.4#	100	0.00
68 T	m/p-Xylenes	0.706	0.726	-2.8	99	0.00
69 T	o-Xylene	0.662	0.685	-3.5	100	0.00
70 T	Styrene	1.089	1.121	-2.9	99	0.00
71 P	Bromoform	0.240	0.228	5.0	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.295	3.318	-0.7	101	0.00
74 T	N-amyl acetate	0.592	0.522	11.8	90	0.00
75 P	1,1,2,2-Tetrachloroethane	0.539	0.477	11.5	96	0.00
76 T	1,2,3-Trichloropropane	0.441	0.424	3.9	98	0.00
77 T	Bromobenzene	0.876	0.826	5.7	98	0.00
78 T	n-propylbenzene	3.813	3.843	-0.8	99	0.00
79 T	2-Chlorotoluene	2.233	2.206	1.2	100	0.00
80 T	1,3,5-Trimethylbenzene	2.663	2.700	-1.4	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.180	0.152	15.6	91	0.00
82 T	4-Chlorotoluene	2.300	2.254	2.0	100	0.00
83 T	tert-Butylbenzene	2.458	2.498	-1.6	100	0.00
84 T	1,2,4-Trimethylbenzene	2.657	2.683	-1.0	100	0.00
85 T	sec-Butylbenzene	3.527	3.588	-1.7	101	0.00
86 T	p-Isopropyltoluene	3.003	3.053	-1.7	99	0.00
87 T	1,3-Dichlorobenzene	1.706	1.631	4.4	99	0.00
88 T	1,4-Dichlorobenzene	1.685	1.592	5.5	99	0.00
89 T	n-Butylbenzene	2.616	2.634	-0.7	99	0.00
90 T	Hexachloroethane	0.646	0.622	3.7	100	0.00
91 T	1,2-Dichlorobenzene	1.496	1.420	5.1	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.088	0.073	17.0	89	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.861	7.6	94	0.00
94 T	Hexachlorobutadiene	0.581	0.542	6.7	94	0.00
95 T	Naphthalene	1.485	1.323	10.9	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.808	0.726	10.1	92	0.00

(#) = Out of Range

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