

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100825\
 Data File : VY023405.D
 Acq On : 08 Oct 2025 16:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 09 03:13:41 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	0.309	14.2	91	0.00
3 P	Chloromethane	0.490	0.440	10.2	93	0.00
4 C	Vinyl Chloride	0.639	0.592	7.4#	94	0.00
5 T	Bromomethane	0.536	0.471	12.1	95	0.00
6 T	Chloroethane	0.435	0.420	3.4	96	0.00
7 T	Trichlorofluoromethane	0.887	0.820	7.6	92	0.00
8 T	Diethyl Ether	0.232	0.214	7.8	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.460	0.428	7.0	93	0.00
10 T	Methyl Iodide	0.512	0.531	-3.7	93	0.00
11 T	Tert butyl alcohol	0.031	0.027	12.9	104	-0.01
12 CM	1,1-Dichloroethene	0.446	0.411	7.8#	91	0.00
13 T	Acrolein	0.044	0.036	18.2	82	0.00
14 T	Allyl chloride	0.544	0.502	7.7	90	0.00
15 T	Acrylonitrile	0.089	0.085	4.5	99	0.00
16 T	Acetone	0.100	0.078	22.0	89	0.00
17 T	Carbon Disulfide	1.277	1.189	6.9	92	0.00
18 T	Methyl Acetate	0.261	0.260	0.4	100	0.00
19 T	Methyl tert-butyl Ether	1.072	1.038	3.2	96	0.00
20 T	Methylene Chloride	0.538	0.457	15.1	94	0.00
21 T	trans-1,2-Dichloroethene	0.491	0.468	4.7	94	0.00
22 T	Diisopropyl ether	1.202	1.160	3.5	94	0.00
23 T	Vinyl Acetate	0.651	0.629	3.4	95	0.00
24 P	1,1-Dichloroethane	0.796	0.748	6.0	93	0.00
25 T	2-Butanone	0.122	0.106	13.1	96	0.00
26 T	2,2-Dichloropropane	0.731	0.672	8.1	90	0.00
27 T	cis-1,2-Dichloroethene	0.567	0.545	3.9	95	0.00
28 T	Bromochloromethane	0.297	0.272	8.4	96	0.00
29 T	Tetrahydrofuran	0.069	0.066	4.3	99	0.00
30 C	Chloroform	0.875	0.835	4.6#	95	0.00
31 T	Cyclohexane	0.696	0.624	10.3	92	0.00
32 T	1,1,1-Trichloroethane	0.795	0.747	6.0	92	0.00
33 S	1,2-Dichloroethane-d4	0.418	0.392	6.2	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.307	0.299	2.6	94	0.00
36 T	1,1-Dichloropropene	0.407	0.393	3.4	93	0.00
37 T	Ethyl Acetate	0.161	0.158	1.9	99	0.00
38 T	Carbon Tetrachloride	0.493	0.469	4.9	92	0.00
39 T	Methylcyclohexane	0.530	0.524	1.1	93	0.00
40 TM	Benzene	1.288	1.245	3.3	93	0.00
41 T	Methacrylonitrile	0.087	0.071	18.4	84	0.00
42 TM	1,2-Dichloroethane	0.332	0.321	3.3	96	0.00
43 T	Isopropyl Acetate	0.321	0.315	1.9	98	0.00
44 TM	Trichloroethene	0.377	0.367	2.7	94	0.00
45 C	1,2-Dichloropropane	0.285	0.282	1.1#	97	0.00
46 T	Dibromomethane	0.180	0.179	0.6	97	0.00
47 T	Bromodichloromethane	0.453	0.448	1.1	96	0.00
48 T	Methyl methacrylate	0.151	0.150	0.7	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	99	0.00
50 S	Toluene-d8	1.144	1.112	2.8	93	0.00
51 T	4-Methyl-2-Pentanone	0.166	0.169	-1.8	100	0.00
52 CM	Toluene	0.836	0.827	1.1#	94	0.00
53 T	t-1,3-Dichloropropene	0.394	0.389	1.3	95	0.00
54 T	cis-1,3-Dichloropropene	0.465	0.456	1.9	94	0.00
55 T	1,1,2-Trichloroethane	0.242	0.239	1.2	97	0.00
56 T	Ethyl methacrylate	0.279	0.291	-4.3	98	0.00
57 T	1,3-Dichloropropane	0.383	0.381	0.5	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.141	-12.8	103	0.00
59 T	2-Hexanone	0.119	0.115	3.4	97	0.00
60 T	Dibromochloromethane	0.339	0.336	0.9	97	0.00
61 T	1,2-Dibromoethane	0.231	0.230	0.4	97	0.00
62 S	4-Bromofluorobenzene	0.378	0.372	1.6	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.516	0.499	3.3	93	0.00
65 PM	Chlorobenzene	1.087	1.034	4.9	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.370	4.6	97	0.00
67 C	Ethyl Benzene	1.760	1.699	3.5#	94	0.00
68 T	m/p-Xylenes	0.706	0.691	2.1	94	0.00
69 T	o-Xylene	0.662	0.651	1.7	95	0.00
70 T	Styrene	1.089	1.088	0.1	96	0.00
71 P	Bromoform	0.240	0.230	4.2	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.295	3.070	6.8	94	0.00
74 T	N-amyl acetate	0.592	0.553	6.6	97	0.00
75 P	1,1,2,2-Tetrachloroethane	0.539	0.484	10.2	99	0.00
76 T	1,2,3-Trichloropropane	0.441	0.425	3.6	100	0.00
77 T	Bromobenzene	0.876	0.793	9.5	96	0.00
78 T	n-propylbenzene	3.813	3.597	5.7	95	0.00
79 T	2-Chlorotoluene	2.233	2.051	8.2	94	0.00
80 T	1,3,5-Trimethylbenzene	2.663	2.530	5.0	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.180	0.163	9.4	98	0.00
82 T	4-Chlorotoluene	2.300	2.093	9.0	94	0.00
83 T	tert-Butylbenzene	2.458	2.324	5.5	94	0.00
84 T	1,2,4-Trimethylbenzene	2.657	2.509	5.6	95	0.00
85 T	sec-Butylbenzene	3.527	3.335	5.4	95	0.00
86 T	p-Isopropyltoluene	3.003	2.846	5.2	94	0.00
87 T	1,3-Dichlorobenzene	1.706	1.547	9.3	95	0.00
88 T	1,4-Dichlorobenzene	1.685	1.521	9.7	96	0.00
89 T	n-Butylbenzene	2.616	2.467	5.7	94	0.00
90 T	Hexachloroethane	0.646	0.580	10.2	95	0.00
91 T	1,2-Dichlorobenzene	1.496	1.365	8.8	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.088	0.079	10.2	97	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.833	10.6	93	0.00
94 T	Hexachlorobutadiene	0.581	0.517	11.0	92	0.00
95 T	Naphthalene	1.485	1.353	8.9	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.808	0.729	9.8	94	0.00

(#) = Out of Range

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