

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
 Data File : VY023543.D
 Acq On : 22 Oct 2025 09:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 02:25:18 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	0.308	14.4	91	0.00
3 P	Chloromethane	0.490	0.409	16.5	86	0.00
4 C	Vinyl Chloride	0.639	0.552	13.6#	87	0.00
5 T	Bromomethane	0.536	0.456	14.9	92	0.00
6 T	Chloroethane	0.435	0.403	7.4	92	0.00
7 T	Trichlorofluoromethane	0.887	0.857	3.4	96	0.00
8 T	Diethyl Ether	0.232	0.233	-0.4	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.460	0.469	-2.0	101	0.00
10 T	Methyl Iodide	0.512	0.612	-19.5	108	0.00
11 T	Tert butyl alcohol	0.031	0.031	0.0	118	0.00
12 CM	1,1-Dichloroethene	0.446	0.456	-2.2#	101	0.00
13 T	Acrolein	0.044	0.014	68.2#	31#	0.00
14 T	Allyl chloride	0.544	0.522	4.0	94	0.00
15 T	Acrylonitrile	0.089	0.089	0.0	103	0.00
16 T	Acetone	0.100	0.096	4.0	108	0.00
17 T	Carbon Disulfide	1.277	1.206	5.6	93	0.00
18 T	Methyl Acetate	0.261	0.294	-12.6	113	0.00
19 T	Methyl tert-butyl Ether	1.072	1.142	-6.5	106	0.00
20 T	Methylene Chloride	0.538	0.496	7.8	102	0.00
21 T	trans-1,2-Dichloroethene	0.491	0.510	-3.9	103	0.00
22 T	Diisopropyl ether	1.202	1.215	-1.1	99	0.00
23 T	Vinyl Acetate	0.651	0.630	3.2	95	0.00
24 P	1,1-Dichloroethane	0.796	0.815	-2.4	101	0.00
25 T	2-Butanone	0.122	0.118	3.3	106	0.00
26 T	2,2-Dichloropropane	0.731	0.768	-5.1	103	0.00
27 T	cis-1,2-Dichloroethene	0.567	0.611	-7.8	106	0.00
28 T	Bromochloromethane	0.297	0.257	13.5	91	0.00
29 T	Tetrahydrofuran	0.069	0.066	4.3	99	0.00
30 C	Chloroform	0.875	0.928	-6.1#	105	0.00
31 T	Cyclohexane	0.696	0.650	6.6	96	0.00
32 T	1,1,1-Trichloroethane	0.795	0.839	-5.5	103	0.00
33 S	1,2-Dichloroethane-d4	0.418	0.381	8.9	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.307	0.307	0.0	97	0.00
36 T	1,1-Dichloropropene	0.407	0.427	-4.9	101	0.00
37 T	Ethyl Acetate	0.161	0.158	1.9	99	0.01
38 T	Carbon Tetrachloride	0.493	0.522	-5.9	102	0.00
39 T	Methylcyclohexane	0.530	0.561	-5.8	100	0.00
40 TM	Benzene	1.288	1.371	-6.4	102	0.00
41 T	Methacrylonitrile	0.087	0.084	3.4	99	0.00
42 TM	1,2-Dichloroethane	0.332	0.340	-2.4	102	0.00
43 T	Isopropyl Acetate	0.321	0.322	-0.3	100	0.00
44 TM	Trichloroethene	0.377	0.411	-9.0	105	0.00
45 C	1,2-Dichloropropane	0.285	0.303	-6.3#	104	0.00
46 T	Dibromomethane	0.180	0.196	-8.9	106	0.00
47 T	Bromodichloromethane	0.453	0.487	-7.5	104	0.00
48 T	Methyl methacrylate	0.151	0.156	-3.3	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	103	0.00
50 S	Toluene-d8	1.144	1.136	0.7	94	0.00
51 T	4-Methyl-2-Pentanone	0.166	0.175	-5.4	103	0.00
52 CM	Toluene	0.836	0.926	-10.8#	105	0.00
53 T	t-1,3-Dichloropropene	0.394	0.433	-9.9	106	0.00
54 T	cis-1,3-Dichloropropene	0.465	0.509	-9.5	105	0.00
55 T	1,1,2-Trichloroethane	0.242	0.264	-9.1	107	0.00
56 T	Ethyl methacrylate	0.279	0.324	-16.1	109	0.00
57 T	1,3-Dichloropropane	0.383	0.419	-9.4	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.142	-13.6	104	0.00
59 T	2-Hexanone	0.119	0.129	-8.4	108	0.00
60 T	Dibromochloromethane	0.339	0.377	-11.2	108	0.00
61 T	1,2-Dibromoethane	0.231	0.255	-10.4	107	0.00
62 S	4-Bromofluorobenzene	0.378	0.382	-1.1	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.516	0.580	-12.4	106	0.00
65 PM	Chlorobenzene	1.087	1.168	-7.5	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.421	-8.5	108	0.00
67 C	Ethyl Benzene	1.760	1.922	-9.2#	104	0.00
68 T	m/p-Xylenes	0.706	0.784	-11.0	105	0.00
69 T	o-Xylene	0.662	0.739	-11.6	106	0.00
70 T	Styrene	1.089	1.228	-12.8	106	0.00
71 P	Bromoform	0.240	0.264	-10.0	110	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.295	3.699	-12.3	106	0.00
74 T	N-amyl acetate	0.592	0.607	-2.5	99	0.00
75 P	1,1,2,2-Tetrachloroethane	0.539	0.562	-4.3	107	0.00
76 T	1,2,3-Trichloropropane	0.441	0.443	-0.5	97	0.00
77 T	Bromobenzene	0.876	0.952	-8.7	107	0.00
78 T	n-propylbenzene	3.813	4.280	-12.2	105	0.00
79 T	2-Chlorotoluene	2.233	2.440	-9.3	104	0.00
80 T	1,3,5-Trimethylbenzene	2.663	3.010	-13.0	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.180	0.200	-11.1	113	0.00
82 T	4-Chlorotoluene	2.300	2.512	-9.2	105	0.00
83 T	tert-Butylbenzene	2.458	2.779	-13.1	105	0.00
84 T	1,2,4-Trimethylbenzene	2.657	2.997	-12.8	105	0.00
85 T	sec-Butylbenzene	3.527	3.985	-13.0	106	0.00
86 T	p-Isopropyltoluene	3.003	3.436	-14.4	106	0.00
87 T	1,3-Dichlorobenzene	1.706	1.845	-8.1	106	0.00
88 T	1,4-Dichlorobenzene	1.685	1.798	-6.7	105	0.00
89 T	n-Butylbenzene	2.616	2.950	-12.8	105	0.00
90 T	Hexachloroethane	0.646	0.684	-5.9	104	0.00
91 T	1,2-Dichlorobenzene	1.496	1.634	-9.2	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.088	0.092	-4.5	105	0.00
93 T	1,2,4-Trichlorobenzene	0.932	1.020	-9.4	106	0.00
94 T	Hexachlorobutadiene	0.581	0.624	-7.4	103	0.00
95 T	Naphthalene	1.485	1.706	-14.9	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.808	0.876	-8.4	105	0.00

(#) = Out of Range

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