

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
 Data File : VY023585.D
 Acq On : 27 Oct 2025 09:12
 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: Oct 28 04:34:42 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	87	0.00
2 T	Dichlorodifluoromethane	0.360	0.324	10.0	88	0.00
3 P	Chloromethane	0.490	0.433	11.6	84	0.00
4 C	Vinyl Chloride	0.639	0.590	7.7#	86	0.00
5 T	Bromomethane	0.536	0.482	10.1	90	0.00
6 T	Chloroethane	0.435	0.424	2.5	89	0.00
7 T	Trichlorofluoromethane	0.887	0.907	-2.3	94	0.00
8 T	Diethyl Ether	0.232	0.234	-0.9	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.460	0.503	-9.3	100	0.00
10 T	Methyl Iodide	0.512	0.593	-15.8	96	0.00
11 T	Tert butyl alcohol	0.031	0.034	-9.7	117	0.00
12 CM	1,1-Dichloroethene	0.446	0.469	-5.2#	96	0.00
13 T	Acrolein	0.044	0.010	77.3#	22#	0.00
14 T	Allyl chloride	0.544	0.557	-2.4	92	0.01
15 T	Acrylonitrile	0.089	0.096	-7.9	102	0.00
16 T	Acetone	0.100	0.113	-13.0	118	0.00
17 T	Carbon Disulfide	1.277	1.229	3.8	88	0.00
18 T	Methyl Acetate	0.261	0.316	-21.1	113	0.00
19 T	Methyl tert-butyl Ether	1.072	1.160	-8.2	99	0.00
20 T	Methylene Chloride	0.538	0.510	5.2	97	0.00
21 T	trans-1,2-Dichloroethene	0.491	0.531	-8.1	99	0.00
22 T	Diisopropyl ether	1.202	1.308	-8.8	98	0.00
23 T	Vinyl Acetate	0.651	0.673	-3.4	94	0.00
24 P	1,1-Dichloroethane	0.796	0.858	-7.8	99	0.00
25 T	2-Butanone	0.122	0.129	-5.7	107	0.00
26 T	2,2-Dichloropropane	0.731	0.812	-11.1	101	0.00
27 T	cis-1,2-Dichloroethene	0.567	0.628	-10.8	101	0.00
28 T	Bromochloromethane	0.297	0.271	8.8	89	0.00
29 T	Tetrahydrofuran	0.069	0.072	-4.3	99	0.00
30 C	Chloroform	0.875	0.975	-11.4#	102	0.00
31 T	Cyclohexane	0.696	0.690	0.9	94	0.00
32 T	1,1,1-Trichloroethane	0.795	0.883	-11.1	101	0.00
33 S	1,2-Dichloroethane-d4	0.418	0.400	4.3	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.307	0.319	-3.9	91	0.00
36 T	1,1-Dichloropropene	0.407	0.463	-13.8	99	0.00
37 T	Ethyl Acetate	0.161	0.170	-5.6	96	0.00
38 T	Carbon Tetrachloride	0.493	0.570	-15.6	101	0.00
39 T	Methylcyclohexane	0.530	0.598	-12.8	97	0.00
40 TM	Benzene	1.288	1.460	-13.4	99	0.00
41 T	Methacrylonitrile	0.087	0.087	0.0	92	0.00
42 TM	1,2-Dichloroethane	0.332	0.366	-10.2	99	0.00
43 T	Isopropyl Acetate	0.321	0.338	-5.3	95	0.00
44 TM	Trichloroethene	0.377	0.435	-15.4	101	0.00
45 C	1,2-Dichloropropane	0.285	0.321	-12.6#	100	0.00
46 T	Dibromomethane	0.180	0.204	-13.3	100	0.00
47 T	Bromodichloromethane	0.453	0.521	-15.0	101	0.00
48 T	Methyl methacrylate	0.151	0.165	-9.3	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	98	0.00
50 S	Toluene-d8	1.144	1.166	-1.9	88	0.00
51 T	4-Methyl-2-Pentanone	0.166	0.190	-14.5	102	0.00
52 CM	Toluene	0.836	0.978	-17.0#	101	0.00
53 T	t-1,3-Dichloropropene	0.394	0.447	-13.5	99	0.00
54 T	cis-1,3-Dichloropropene	0.465	0.526	-13.1	98	0.00
55 T	1,1,2-Trichloroethane	0.242	0.281	-16.1	104	0.00
56 T	Ethyl methacrylate	0.279	0.322	-15.4	98	0.00
57 T	1,3-Dichloropropane	0.383	0.437	-14.1	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.134	-7.2	88	0.00
59 T	2-Hexanone	0.119	0.137	-15.1	104	0.00
60 T	Dibromochloromethane	0.339	0.390	-15.0	101	0.00
61 T	1,2-Dibromoethane	0.231	0.264	-14.3	101	0.00
62 S	4-Bromofluorobenzene	0.378	0.391	-3.4	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.516	0.614	-19.0	100	0.00
65 PM	Chlorobenzene	1.087	1.243	-14.4	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.450	-16.0	103	0.00
67 C	Ethyl Benzene	1.760	2.077	-18.0#	100	0.00
68 T	m/p-Xylenes	0.706	0.830	-17.6	99	0.00
69 T	o-Xylene	0.662	0.788	-19.0	100	0.00
70 T	Styrene	1.089	1.297	-19.1	100	0.00
71 P	Bromoform	0.240	0.279	-16.3	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.295	3.956	-20.1	102	0.00
74 T	N-amyl acetate	0.592	0.630	-6.4	92	0.00
75 P	1,1,2,2-Tetrachloroethane	0.539	0.604	-12.1	103	0.00
76 T	1,2,3-Trichloropropane	0.441	0.466	-5.7	92	0.00
77 T	Bromobenzene	0.876	1.001	-14.3	101	0.00
78 T	n-propylbenzene	3.813	4.622	-21.2	101	0.00
79 T	2-Chlorotoluene	2.233	2.610	-16.9	100	0.00
80 T	1,3,5-Trimethylbenzene	2.663	3.193	-19.9	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.180	0.206	-14.4	104	0.00
82 T	4-Chlorotoluene	2.300	2.691	-17.0	101	0.00
83 T	tert-Butylbenzene	2.458	2.966	-20.7	100	0.00
84 T	1,2,4-Trimethylbenzene	2.657	3.206	-20.7	101	0.00
85 T	sec-Butylbenzene	3.527	4.286	-21.5	102	0.00
86 T	p-Isopropyltoluene	3.003	3.657	-21.8	101	0.00
87 T	1,3-Dichlorobenzene	1.706	1.961	-14.9	101	0.00
88 T	1,4-Dichlorobenzene	1.685	1.898	-12.6	100	0.00
89 T	n-Butylbenzene	2.616	3.193	-22.1	101	0.00
90 T	Hexachloroethane	0.646	0.740	-14.6	101	0.00
91 T	1,2-Dichlorobenzene	1.496	1.710	-14.3	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.088	0.096	-9.1	98	0.00
93 T	1,2,4-Trichlorobenzene	0.932	1.068	-14.6	99	0.00
94 T	Hexachlorobutadiene	0.581	0.689	-18.6	102	0.00
95 T	Naphthalene	1.485	1.697	-14.3	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.808	0.927	-14.7	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6