

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082925\
 Data File : VY023250.D
 Acq On : 29 Aug 2025 16:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 30 01:24:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 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	73	0.00
2 T	Dichlorodifluoromethane	0.408	0.334	18.1	70	0.00
3 P	Chloromethane	0.661	0.612	7.4	73	0.00
4 C	Vinyl Chloride	0.817	0.796	2.6#	75	0.00
5 T	Bromomethane	0.610	0.625	-2.5	84	0.00
6 T	Chloroethane	0.543	0.567	-4.4	80	0.00
7 T	Trichlorofluoromethane	0.994	0.981	1.3	76	0.00
8 T	Diethyl Ether	0.263	0.271	-3.0	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.490	0.503	-2.7	79	0.00
10 T	Methyl Iodide	0.529	0.579	-9.5	77	0.00
11 T	Tert butyl alcohol	0.033	0.033	0.0	76	0.00
12 CM	1,1-Dichloroethene	0.482	0.481	0.2#	76	0.00
13 T	Acrolein	0.048	0.011	77.1#	18#	0.00
14 T	Allyl chloride	0.709	0.658	7.2	70	0.00
15 T	Acrylonitrile	0.107	0.111	-3.7	76	0.00
16 T	Acetone	0.103	0.094	8.7	66	0.00
17 T	Carbon Disulfide	1.571	1.449	7.8	71	0.00
18 T	Methyl Acetate	0.307	0.307	0.0	69	0.00
19 T	Methyl tert-butyl Ether	1.249	1.283	-2.7	75	0.00
20 T	Methylene Chloride	0.620	0.658	-6.1	94	0.01
21 T	trans-1,2-Dichloroethene	0.541	0.569	-5.2	79	0.00
22 T	Diisopropyl ether	1.541	1.543	-0.1	74	0.00
23 T	Vinyl Acetate	0.852	0.840	1.4	72	0.00
24 P	1,1-Dichloroethane	0.942	0.974	-3.4	77	0.00
25 T	2-Butanone	0.140	0.136	2.9	69	0.01
26 T	2,2-Dichloropropane	0.813	0.804	1.1	74	0.00
27 T	cis-1,2-Dichloroethene	0.626	0.673	-7.5	81	0.00
28 T	Bromochloromethane	0.374	0.394	-5.3	78	0.00
29 T	Tetrahydrofuran	0.087	0.087	0.0	73	0.00
30 C	Chloroform	0.971	1.065	-9.7#	82	0.00
31 T	Cyclohexane	0.888	0.791	10.9	70	0.00
32 T	1,1,1-Trichloroethane	0.862	0.920	-6.7	80	0.00
33 S	1,2-Dichloroethane-d4	0.477	0.498	-4.4	78	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	70	0.00
35 S	Dibromofluoromethane	0.299	0.338	-13.0	81	0.00
36 T	1,1-Dichloropropene	0.445	0.468	-5.2	76	0.00
37 T	Ethyl Acetate	0.187	0.195	-4.3	73	0.00
38 T	Carbon Tetrachloride	0.483	0.537	-11.2	81	0.00
39 T	Methylcyclohexane	0.586	0.590	-0.7	73	0.00
40 TM	Benzene	1.370	1.501	-9.6	79	0.00
41 T	Methacrylonitrile	0.108	0.116	-7.4	74	0.00
42 TM	1,2-Dichloroethane	0.356	0.383	-7.6	78	0.00
43 T	Isopropyl Acetate	0.378	0.389	-2.9	73	0.00
44 TM	Trichloroethene	0.354	0.416	-17.5	86	0.00
45 C	1,2-Dichloropropane	0.315	0.345	-9.5#	79	0.00
46 T	Dibromomethane	0.181	0.211	-16.6	83	0.00
47 T	Bromodichloromethane	0.466	0.535	-14.8	82	0.00
48 T	Methyl methacrylate	0.181	0.183	-1.1	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	79	0.00
50 S	Toluene-d8	1.169	1.315	-12.5	81	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.211	-8.2	75	0.00
52 CM	Toluene	0.870	0.982	-12.9#	81	0.00
53 T	t-1,3-Dichloropropene	0.422	0.457	-8.3	77	0.00
54 T	cis-1,3-Dichloropropene	0.499	0.542	-8.6	77	0.00
55 T	1,1,2-Trichloroethane	0.242	0.283	-16.9	84	0.00
56 T	Ethyl methacrylate	0.310	0.347	-11.9	76	0.00
57 T	1,3-Dichloropropane	0.411	0.458	-11.4	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.146	0.170	-16.4	77	0.00
59 T	2-Hexanone	0.133	0.141	-6.0	73	0.00
60 T	Dibromochloromethane	0.320	0.388	-21.3	86	0.00
61 T	1,2-Dibromoethane	0.228	0.264	-15.8	82	0.00
62 S	4-Bromofluorobenzene	0.376	0.424	-12.8	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
64 T	Tetrachloroethene	0.446	0.582	-30.5#	98	0.00
65 PM	Chlorobenzene	1.079	1.174	-8.8	82	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.414	-13.1	84	0.00
67 C	Ethyl Benzene	1.856	1.996	-7.5#	79	0.00
68 T	m/p-Xylenes	0.725	0.796	-9.8	81	0.00
69 T	o-Xylene	0.679	0.749	-10.3	80	0.00
70 T	Styrene	1.110	1.260	-13.5	82	0.00
71 P	Bromoform	0.214	0.246	-15.0	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
73 T	Isopropylbenzene	3.529	3.577	-1.4	80	0.00
74 T	N-amyl acetate	0.748	0.683	8.7	70	0.00
75 P	1,1,2,2-Tetrachloroethane	0.603	0.554	8.1	75	0.00
76 T	1,2,3-Trichloropropane	0.483	0.522	-8.1	77	0.00
77 T	Bromobenzene	0.842	0.880	-4.5	84	0.00
78 T	n-propylbenzene	4.201	4.245	-1.0	79	0.00
79 T	2-Chlorotoluene	2.407	2.422	-0.6	80	0.00
80 T	1,3,5-Trimethylbenzene	2.852	2.935	-2.9	81	0.00
81 T	trans-1,4-Dichloro-2-butene	0.199	0.186	6.5	74	0.00
82 T	4-Chlorotoluene	2.497	2.500	-0.1	80	0.00
83 T	tert-Butylbenzene	2.576	2.645	-2.7	81	0.00
84 T	1,2,4-Trimethylbenzene	2.839	2.914	-2.6	81	0.00
85 T	sec-Butylbenzene	3.784	3.887	-2.7	81	0.00
86 T	p-Isopropyltoluene	3.141	3.280	-4.4	82	0.00
87 T	1,3-Dichlorobenzene	1.660	1.759	-6.0	86	0.00
88 T	1,4-Dichlorobenzene	1.647	1.707	-3.6	84	0.00
89 T	n-Butylbenzene	2.885	2.913	-1.0	79	0.00
90 T	Hexachloroethane	0.643	0.681	-5.9	85	0.00
91 T	1,2-Dichlorobenzene	1.456	1.532	-5.2	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.094	0.0	78	0.00
93 T	1,2,4-Trichlorobenzene	0.861	0.887	-3.0	83	0.00
94 T	Hexachlorobutadiene	0.506	0.529	-4.5	85	0.00
95 T	Naphthalene	1.468	1.531	-4.3	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.742	0.789	-6.3	86	0.00

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