

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
 Data File : VY023084.D
 Acq On : 14 Aug 2025 10:17
 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: Aug 14 14:46:40 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	76	0.00
2 T	Dichlorodifluoromethane	0.408	0.368	9.8	80	0.00
3 P	Chloromethane	0.661	0.738	-11.6	93	0.00
4 C	Vinyl Chloride	0.817	0.946	-15.8#	94	0.00
5 T	Bromomethane	0.610	0.701	-14.9	99	0.00
6 T	Chloroethane	0.543	0.665	-22.5	98	0.00
7 T	Trichlorofluoromethane	0.994	1.067	-7.3	87	0.00
8 T	Diethyl Ether	0.263	0.264	-0.4	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.490	0.530	-8.2	87	0.00
10 T	Methyl Iodide	0.529	0.652	-23.3	91	0.00
11 T	Tert butyl alcohol	0.033	0.028	15.2	68	0.00
12 CM	1,1-Dichloroethene	0.482	0.512	-6.2#	84	0.00
13 T	Acrolein	0.048	0.035	27.1#	59	0.00
14 T	Allyl chloride	0.709	0.753	-6.2	84	0.00
15 T	Acrylonitrile	0.107	0.110	-2.8	79	0.00
16 T	Acetone	0.103	0.106	-2.9	78	0.00
17 T	Carbon Disulfide	1.571	1.688	-7.4	86	0.00
18 T	Methyl Acetate	0.307	0.311	-1.3	74	0.00
19 T	Methyl tert-butyl Ether	1.249	1.278	-2.3	79	0.00
20 T	Methylene Chloride	0.620	0.608	1.9	91	0.00
21 T	trans-1,2-Dichloroethene	0.541	0.599	-10.7	87	0.00
22 T	Diisopropyl ether	1.541	1.707	-10.8	86	0.00
23 T	Vinyl Acetate	0.852	0.905	-6.2	82	0.00
24 P	1,1-Dichloroethane	0.942	1.065	-13.1	88	0.00
25 T	2-Butanone	0.140	0.142	-1.4	76	0.00
26 T	2,2-Dichloropropane	0.813	0.898	-10.5	87	0.00
27 T	cis-1,2-Dichloroethene	0.626	0.688	-9.9	86	0.00
28 T	Bromochloromethane	0.374	0.440	-17.6	92	0.00
29 T	Tetrahydrofuran	0.087	0.086	1.1	75	0.00
30 C	Chloroform	0.971	1.102	-13.5#	89	0.00
31 T	Cyclohexane	0.888	0.899	-1.2	84	0.00
32 T	1,1,1-Trichloroethane	0.862	0.962	-11.6	88	0.00
33 S	1,2-Dichloroethane-d4	0.477	0.540	-13.2	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35 S	Dibromofluoromethane	0.299	0.344	-15.1	89	0.00
36 T	1,1-Dichloropropene	0.445	0.501	-12.6	87	0.00
37 T	Ethyl Acetate	0.187	0.197	-5.3	79	0.00
38 T	Carbon Tetrachloride	0.483	0.543	-12.4	88	0.00
39 T	Methylcyclohexane	0.586	0.637	-8.7	85	0.00
40 TM	Benzene	1.370	1.568	-14.5	89	0.00
41 T	Methacrylonitrile	0.108	0.093	13.9	64	0.00
42 TM	1,2-Dichloroethane	0.356	0.398	-11.8	87	0.00
43 T	Isopropyl Acetate	0.378	0.383	-1.3	78	0.00
44 TM	Trichloroethene	0.354	0.397	-12.1	88	0.00
45 C	1,2-Dichloropropane	0.315	0.366	-16.2#	90	0.00
46 T	Dibromomethane	0.181	0.205	-13.3	87	0.00
47 T	Bromodichloromethane	0.466	0.532	-14.2	88	0.00
48 T	Methyl methacrylate	0.181	0.190	-5.0	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	78	0.00
50 S	Toluene-d8	1.169	1.352	-15.7	89	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.203	-4.1	77	0.00
52 CM	Toluene	0.870	1.000	-14.9#	88	0.00
53 T	t-1,3-Dichloropropene	0.422	0.465	-10.2	84	0.00
54 T	cis-1,3-Dichloropropene	0.499	0.557	-11.6	85	0.00
55 T	1,1,2-Trichloroethane	0.242	0.267	-10.3	85	0.00
56 T	Ethyl methacrylate	0.310	0.330	-6.5	78	0.00
57 T	1,3-Dichloropropane	0.411	0.452	-10.0	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.146	0.164	-12.3	80	0.00
59 T	2-Hexanone	0.133	0.137	-3.0	76	0.00
60 T	Dibromochloromethane	0.320	0.358	-11.9	85	0.00
61 T	1,2-Dibromoethane	0.228	0.247	-8.3	83	0.00
62 S	4-Bromofluorobenzene	0.376	0.427	-13.6	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.446	0.495	-11.0	88	0.00
65 PM	Chlorobenzene	1.079	1.192	-10.5	87	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.407	-11.2	87	0.00
67 C	Ethyl Benzene	1.856	2.084	-12.3#	87	0.00
68 T	m/p-Xylenes	0.725	0.824	-13.7	89	0.00
69 T	o-Xylene	0.679	0.765	-12.7	86	0.00
70 T	Styrene	1.110	1.298	-16.9	89	0.00
71 P	Bromoform	0.214	0.221	-3.3	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	3.529	3.976	-12.7	87	0.00
74 T	N-amyl acetate	0.748	0.774	-3.5	77	0.00
75 P	1,1,2,2-Tetrachloroethane	0.603	0.622	-3.2	82	0.00
76 T	1,2,3-Trichloropropane	0.483	0.435	9.9	62	0.00
77 T	Bromobenzene	0.842	0.913	-8.4	85	0.00
78 T	n-propylbenzene	4.201	4.868	-15.9	89	0.00
79 T	2-Chlorotoluene	2.407	2.685	-11.5	87	0.00
80 T	1,3,5-Trimethylbenzene	2.852	3.275	-14.8	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.199	0.196	1.5	76	0.00
82 T	4-Chlorotoluene	2.497	2.806	-12.4	87	0.00
83 T	tert-Butylbenzene	2.576	2.862	-11.1	85	0.00
84 T	1,2,4-Trimethylbenzene	2.839	3.297	-16.1	89	0.00
85 T	sec-Butylbenzene	3.784	4.352	-15.0	89	0.00
86 T	p-Isopropyltoluene	3.141	3.663	-16.6	89	0.00
87 T	1,3-Dichlorobenzene	1.660	1.864	-12.3	89	0.00
88 T	1,4-Dichlorobenzene	1.647	1.816	-10.3	87	0.00
89 T	n-Butylbenzene	2.885	3.341	-15.8	88	0.00
90 T	Hexachloroethane	0.643	0.726	-12.9	89	0.00
91 T	1,2-Dichlorobenzene	1.456	1.620	-11.3	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.097	-3.2	79	0.00
93 T	1,2,4-Trichlorobenzene	0.861	0.892	-3.6	81	0.00
94 T	Hexachlorobutadiene	0.506	0.547	-8.1	86	0.00
95 T	Naphthalene	1.468	1.496	-1.9	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.742	0.759	-2.3	81	0.00

(#) = Out of Range

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