

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
 Data File : VY023162.D
 Acq On : 20 Aug 2025 09:26
 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 20 10:40:05 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	92	0.00
2 T	Dichlorodifluoromethane	0.408	0.365	10.5	96	0.00
3 P	Chloromethane	0.661	0.648	2.0	98	0.00
4 C	Vinyl Chloride	0.817	0.854	-4.5#	102	0.00
5 T	Bromomethane	0.610	0.654	-7.2	111	0.00
6 T	Chloroethane	0.543	0.582	-7.2	104	0.00
7 T	Trichlorofluoromethane	0.994	1.017	-2.3	100	0.00
8 T	Diethyl Ether	0.263	0.253	3.8	92	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.490	0.513	-4.7	102	0.00
10 T	Methyl Iodide	0.529	0.596	-12.7	99	0.01
11 T	Tert butyl alcohol	0.033	0.028	15.2	81	0.00
12 CM	1,1-Dichloroethene	0.482	0.499	-3.5#	99	0.00
13 T	Acrolein	0.048	0.020	58.3#	41#	0.00
14 T	Allyl chloride	0.709	0.689	2.8	92	0.00
15 T	Acrylonitrile	0.107	0.104	2.8	90	0.00
16 T	Acetone	0.103	0.115	-11.7	102	0.00
17 T	Carbon Disulfide	1.571	1.568	0.2	96	0.01
18 T	Methyl Acetate	0.307	0.292	4.9	83	0.00
19 T	Methyl tert-butyl Ether	1.249	1.223	2.1	91	0.01
20 T	Methylene Chloride	0.620	0.536	13.5	96	0.01
21 T	trans-1,2-Dichloroethene	0.541	0.572	-5.7	100	0.01
22 T	Diisopropyl ether	1.541	1.543	-0.1	94	0.00
23 T	Vinyl Acetate	0.852	0.850	0.2	93	0.00
24 P	1,1-Dichloroethane	0.942	0.968	-2.8	97	0.00
25 T	2-Butanone	0.140	0.141	-0.7	91	0.01
26 T	2,2-Dichloropropane	0.813	0.867	-6.6	101	0.00
27 T	cis-1,2-Dichloroethene	0.626	0.653	-4.3	99	0.00
28 T	Bromochloromethane	0.374	0.361	3.5	91	0.00
29 T	Tetrahydrofuran	0.087	0.084	3.4	88	0.00
30 C	Chloroform	0.971	1.015	-4.5#	99	0.00
31 T	Cyclohexane	0.888	0.865	2.6	97	0.00
32 T	1,1,1-Trichloroethane	0.862	0.910	-5.6	100	0.00
33 S	1,2-Dichloroethane-d4	0.477	0.439	8.0	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.299	0.301	-0.7	90	0.00
36 T	1,1-Dichloropropene	0.445	0.486	-9.2	99	0.00
37 T	Ethyl Acetate	0.187	0.191	-2.1	90	0.00
38 T	Carbon Tetrachloride	0.483	0.539	-11.6	102	0.00
39 T	Methylcyclohexane	0.586	0.640	-9.2	99	0.00
40 TM	Benzene	1.370	1.495	-9.1	99	0.00
41 T	Methacrylonitrile	0.108	0.112	-3.7	90	0.00
42 TM	1,2-Dichloroethane	0.356	0.375	-5.3	95	0.00
43 T	Isopropyl Acetate	0.378	0.377	0.3	89	0.00
44 TM	Trichloroethene	0.354	0.397	-12.1	102	0.00
45 C	1,2-Dichloropropane	0.315	0.335	-6.3#	96	0.00
46 T	Dibromomethane	0.181	0.196	-8.3	97	0.00
47 T	Bromodichloromethane	0.466	0.509	-9.2	97	0.00
48 T	Methyl methacrylate	0.181	0.185	-2.2	87	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	88	0.00
50 S	Toluene-d8	1.169	1.163	0.5	90	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.200	-2.6	88	0.00
52 CM	Toluene	0.870	0.977	-12.3#	100	0.00
53 T	t-1,3-Dichloropropene	0.422	0.452	-7.1	95	0.00
54 T	cis-1,3-Dichloropropene	0.499	0.537	-7.6	95	0.00
55 T	1,1,2-Trichloroethane	0.242	0.262	-8.3	97	0.00
56 T	Ethyl methacrylate	0.310	0.325	-4.8	89	0.00
57 T	1,3-Dichloropropane	0.411	0.435	-5.8	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.146	0.148	-1.4	84	0.00
59 T	2-Hexanone	0.133	0.143	-7.5	93	0.00
60 T	Dibromochloromethane	0.320	0.350	-9.4	97	0.00
61 T	1,2-Dibromoethane	0.228	0.245	-7.5	95	0.00
62 S	4-Bromofluorobenzene	0.376	0.371	1.3	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.446	0.528	-18.4	108	0.00
65 PM	Chlorobenzene	1.079	1.190	-10.3	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.404	-10.4	99	0.00
67 C	Ethyl Benzene	1.856	2.068	-11.4#	99	0.00
68 T	m/p-Xylenes	0.725	0.826	-13.9	102	0.00
69 T	o-Xylene	0.679	0.765	-12.7	99	0.00
70 T	Styrene	1.110	1.283	-15.6	102	0.00
71 P	Bromoform	0.214	0.231	-7.9	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.529	3.873	-9.7	102	0.00
74 T	N-amyl acetate	0.748	0.739	1.2	89	0.00
75 P	1,1,2,2-Tetrachloroethane	0.603	0.574	4.8	90	0.00
76 T	1,2,3-Trichloropropane	0.483	0.478	1.0	82	0.00
77 T	Bromobenzene	0.842	0.894	-6.2	99	0.00
78 T	n-propylbenzene	4.201	4.630	-10.2	101	0.00
79 T	2-Chlorotoluene	2.407	2.588	-7.5	100	0.00
80 T	1,3,5-Trimethylbenzene	2.852	3.166	-11.0	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.199	0.203	-2.0	94	0.00
82 T	4-Chlorotoluene	2.497	2.687	-7.6	100	0.01
83 T	tert-Butylbenzene	2.576	2.844	-10.4	101	0.00
84 T	1,2,4-Trimethylbenzene	2.839	3.128	-10.2	101	0.00
85 T	sec-Butylbenzene	3.784	4.225	-11.7	103	0.00
86 T	p-Isopropyltoluene	3.141	3.579	-13.9	104	0.00
87 T	1,3-Dichlorobenzene	1.660	1.828	-10.1	104	0.00
88 T	1,4-Dichlorobenzene	1.647	1.783	-8.3	102	0.00
89 T	n-Butylbenzene	2.885	3.266	-13.2	103	0.00
90 T	Hexachloroethane	0.643	0.712	-10.7	104	0.00
91 T	1,2-Dichlorobenzene	1.456	1.578	-8.4	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.092	2.1	89	0.00
93 T	1,2,4-Trichlorobenzene	0.861	0.899	-4.4	98	0.00
94 T	Hexachlorobutadiene	0.506	0.535	-5.7	100	0.00
95 T	Naphthalene	1.468	1.515	-3.2	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.742	0.772	-4.0	99	0.00

(#) = Out of Range

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