

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082925\
 Data File : VY023233.D
 Acq On : 29 Aug 2025 09:03
 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 30 01:16:22 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	93	0.00
2 T	Dichlorodifluoromethane	0.408	0.345	15.4	92	0.00
3 P	Chloromethane	0.661	0.552	16.5	85	0.00
4 C	Vinyl Chloride	0.817	0.743	9.1#	90	0.01
5 T	Bromomethane	0.610	0.568	6.9	98	0.00
6 T	Chloroethane	0.543	0.515	5.2	93	0.01
7 T	Trichlorofluoromethane	0.994	0.949	4.5	94	0.00
8 T	Diethyl Ether	0.263	0.260	1.1	97	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.490	0.508	-3.7	102	0.01
10 T	Methyl Iodide	0.529	0.575	-8.7	97	0.01
11 T	Tert butyl alcohol	0.033	0.032	3.0	94	0.00
12 CM	1,1-Dichloroethene	0.482	0.474	1.7#	95	0.01
13 T	Acrolein	0.048	0.011	77.1#	22#	0.00
14 T	Allyl chloride	0.709	0.634	10.6	86	0.01
15 T	Acrylonitrile	0.107	0.103	3.7	91	0.00
16 T	Acetone	0.103	0.114	-10.7	103	0.00
17 T	Carbon Disulfide	1.571	1.420	9.6	89	0.01
18 T	Methyl Acetate	0.307	0.267	13.0	77	0.00
19 T	Methyl tert-butyl Ether	1.249	1.201	3.8	90	0.01
20 T	Methylene Chloride	0.620	0.606	2.3	111	0.01
21 T	trans-1,2-Dichloroethene	0.541	0.543	-0.4	96	0.01
22 T	Diisopropyl ether	1.541	1.462	5.1	90	0.00
23 T	Vinyl Acetate	0.852	0.811	4.8	90	0.01
24 P	1,1-Dichloroethane	0.942	0.929	1.4	94	0.01
25 T	2-Butanone	0.140	0.141	-0.7	92	0.01
26 T	2,2-Dichloropropane	0.813	0.835	-2.7	98	0.00
27 T	cis-1,2-Dichloroethene	0.626	0.637	-1.8	98	0.00
28 T	Bromochloromethane	0.374	0.337	9.9	86	0.00
29 T	Tetrahydrofuran	0.087	0.081	6.9	87	0.00
30 C	Chloroform	0.971	0.982	-1.1#	97	0.00
31 T	Cyclohexane	0.888	0.795	10.5	91	0.00
32 T	1,1,1-Trichloroethane	0.862	0.882	-2.3	98	0.00
33 S	1,2-Dichloroethane-d4	0.477	0.428	10.3	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.299	0.297	0.7	89	0.00
36 T	1,1-Dichloropropene	0.445	0.467	-4.9	95	0.01
37 T	Ethyl Acetate	0.187	0.191	-2.1	89	0.00
38 T	Carbon Tetrachloride	0.483	0.533	-10.4	100	0.00
39 T	Methylcyclohexane	0.586	0.617	-5.3	96	0.00
40 TM	Benzene	1.370	1.438	-5.0	95	0.01
41 T	Methacrylonitrile	0.108	0.105	2.8	84	0.00
42 TM	1,2-Dichloroethane	0.356	0.361	-1.4	92	0.00
43 T	Isopropyl Acetate	0.378	0.372	1.6	88	0.00
44 TM	Trichloroethene	0.354	0.401	-13.3	103	0.00
45 C	1,2-Dichloropropane	0.315	0.328	-4.1#	93	0.00
46 T	Dibromomethane	0.181	0.195	-7.7	96	0.00
47 T	Bromodichloromethane	0.466	0.498	-6.9	95	0.00
48 T	Methyl methacrylate	0.181	0.180	0.6	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	87	0.00
50 S	Toluene-d8	1.169	1.155	1.2	89	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.201	-3.1	89	0.00
52 CM	Toluene	0.870	0.941	-8.2#	96	0.00
53 T	t-1,3-Dichloropropene	0.422	0.442	-4.7	93	0.00
54 T	cis-1,3-Dichloropropene	0.499	0.519	-4.0	92	0.00
55 T	1,1,2-Trichloroethane	0.242	0.265	-9.5	98	0.00
56 T	Ethyl methacrylate	0.310	0.332	-7.1	91	0.00
57 T	1,3-Dichloropropane	0.411	0.431	-4.9	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.146	0.139	4.8	79	0.00
59 T	2-Hexanone	0.133	0.143	-7.5	92	0.00
60 T	Dibromochloromethane	0.320	0.358	-11.9	99	0.00
61 T	1,2-Dibromoethane	0.228	0.252	-10.5	98	0.01
62 S	4-Bromofluorobenzene	0.376	0.367	2.4	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.01
64 T	Tetrachloroethene	0.446	0.559	-25.3#	114	0.00
65 PM	Chlorobenzene	1.079	1.163	-7.8	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.411	-12.3	101	0.00
67 C	Ethyl Benzene	1.856	2.030	-9.4#	97	0.00
68 T	m/p-Xylenes	0.725	0.805	-11.0	99	0.00
69 T	o-Xylene	0.679	0.747	-10.0	96	0.00
70 T	Styrene	1.110	1.258	-13.3	99	0.00
71 P	Bromoform	0.214	0.243	-13.6	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.529	3.818	-8.2	99	0.00
74 T	N-amyl acetate	0.748	0.717	4.1	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.603	0.581	3.6	90	0.00
76 T	1,2,3-Trichloropropane	0.483	0.479	0.8	81	0.00
77 T	Bromobenzene	0.842	0.913	-8.4	100	0.01
78 T	n-propylbenzene	4.201	4.551	-8.3	98	0.00
79 T	2-Chlorotoluene	2.407	2.548	-5.9	97	0.01
80 T	1,3,5-Trimethylbenzene	2.852	3.112	-9.1	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.199	0.200	-0.5	92	0.00
82 T	4-Chlorotoluene	2.497	2.619	-4.9	97	0.01
83 T	tert-Butylbenzene	2.576	2.817	-9.4	99	0.00
84 T	1,2,4-Trimethylbenzene	2.839	3.073	-8.2	98	0.00
85 T	sec-Butylbenzene	3.784	4.158	-9.9	100	0.00
86 T	p-Isopropyltoluene	3.141	3.520	-12.1	101	0.00
87 T	1,3-Dichlorobenzene	1.660	1.839	-10.8	104	0.00
88 T	1,4-Dichlorobenzene	1.647	1.789	-8.6	102	0.00
89 T	n-Butylbenzene	2.885	3.148	-9.1	98	0.00
90 T	Hexachloroethane	0.643	0.713	-10.9	103	0.00
91 T	1,2-Dichlorobenzene	1.456	1.579	-8.4	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.092	2.1	88	0.00
93 T	1,2,4-Trichlorobenzene	0.861	0.919	-6.7	99	0.00
94 T	Hexachlorobutadiene	0.506	0.552	-9.1	102	0.00
95 T	Naphthalene	1.468	1.536	-4.6	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.742	0.786	-5.9	99	0.00

(#) = Out of Range

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