

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090525\
 Data File : VY023290.D
 Acq On : 05 Sep 2025 09:44
 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: Sep 06 01:51:56 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	0.329	19.4	88	0.00
3 P	Chloromethane	0.661	0.530	19.8	81	0.00
4 C	Vinyl Chloride	0.817	0.724	11.4#	88	0.00
5 T	Bromomethane	0.610	0.562	7.9	97	0.00
6 T	Chloroethane	0.543	0.507	6.6	92	0.00
7 T	Trichlorofluoromethane	0.994	0.962	3.2	96	0.00
8 T	Diethyl Ether	0.263	0.240	8.7	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.490	0.502	-2.4	101	0.00
10 T	Methyl Iodide	0.529	0.553	-4.5	94	0.00
11 T	Tert butyl alcohol	0.033	0.037	-12.1	108	0.00
12 CM	1,1-Dichloroethene	0.482	0.464	3.7#	93	0.00
13 T	Acrolein	0.048	0.006	87.5#	12#	0.00
14 T	Allyl chloride	0.709	0.600	15.4	81	0.00
15 T	Acrylonitrile	0.107	0.100	6.5	88	0.00
16 T	Acetone	0.103	0.105	-1.9	95	0.00
17 T	Carbon Disulfide	1.571	1.345	14.4	84	0.00
18 T	Methyl Acetate	0.307	0.282	8.1	82	0.00
19 T	Methyl tert-butyl Ether	1.249	1.170	6.3	88	0.00
20 T	Methylene Chloride	0.620	0.519	16.3	95	0.00
21 T	trans-1,2-Dichloroethene	0.541	0.536	0.9	95	0.00
22 T	Diisopropyl ether	1.541	1.377	10.6	85	0.00
23 T	Vinyl Acetate	0.852	0.753	11.6	83	0.00
24 P	1,1-Dichloroethane	0.942	0.888	5.7	90	0.00
25 T	2-Butanone	0.140	0.131	6.4	86	0.00
26 T	2,2-Dichloropropane	0.813	0.823	-1.2	97	0.00
27 T	cis-1,2-Dichloroethene	0.626	0.621	0.8	95	0.00
28 T	Bromochloromethane	0.374	0.332	11.2	85	0.00
29 T	Tetrahydrofuran	0.087	0.079	9.2	84	0.00
30 C	Chloroform	0.971	0.969	0.2#	96	0.00
31 T	Cyclohexane	0.888	0.750	15.5	85	0.00
32 T	1,1,1-Trichloroethane	0.862	0.872	-1.2	97	0.00
33 S	1,2-Dichloroethane-d4	0.477	0.413	13.4	83	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.299	0.309	-3.3	90	0.00
36 T	1,1-Dichloropropene	0.445	0.464	-4.3	91	0.00
37 T	Ethyl Acetate	0.187	0.183	2.1	83	0.00
38 T	Carbon Tetrachloride	0.483	0.547	-13.3	100	0.00
39 T	Methylcyclohexane	0.586	0.610	-4.1	92	0.00
40 TM	Benzene	1.370	1.445	-5.5	92	0.00
41 T	Methacrylonitrile	0.108	0.096	11.1	75	0.00
42 TM	1,2-Dichloroethane	0.356	0.362	-1.7	89	0.00
43 T	Isopropyl Acetate	0.378	0.359	5.0	82	0.00
44 TM	Trichloroethene	0.354	0.402	-13.6	101	0.00
45 C	1,2-Dichloropropane	0.315	0.325	-3.2#	90	0.00
46 T	Dibromomethane	0.181	0.196	-8.3	94	0.00
47 T	Bromodichloromethane	0.466	0.507	-8.8	94	0.00
48 T	Methyl methacrylate	0.181	0.171	5.5	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	91	0.00
50 S	Toluene-d8	1.169	1.170	-0.1	87	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.197	-1.0	85	0.00
52 CM	Toluene	0.870	0.952	-9.4#	95	0.00
53 T	t-1,3-Dichloropropene	0.422	0.440	-4.3	90	0.00
54 T	cis-1,3-Dichloropropene	0.499	0.525	-5.2	90	0.00
55 T	1,1,2-Trichloroethane	0.242	0.270	-11.6	97	0.00
56 T	Ethyl methacrylate	0.310	0.324	-4.5	86	0.00
57 T	1,3-Dichloropropane	0.411	0.434	-5.6	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.146	0.139	4.8	77	0.00
59 T	2-Hexanone	0.133	0.141	-6.0	88	0.00
60 T	Dibromochloromethane	0.320	0.367	-14.7	98	0.00
61 T	1,2-Dibromoethane	0.228	0.249	-9.2	94	0.00
62 S	4-Bromofluorobenzene	0.376	0.381	-1.3	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64 T	Tetrachloroethene	0.446	0.541	-21.3	107	0.00
65 PM	Chlorobenzene	1.079	1.178	-9.2	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.417	-13.9	99	0.00
67 C	Ethyl Benzene	1.856	2.009	-8.2#	93	0.00
68 T	m/p-Xylenes	0.725	0.805	-11.0	97	0.00
69 T	o-Xylene	0.679	0.753	-10.9	95	0.00
70 T	Styrene	1.110	1.265	-14.0	97	0.00
71 P	Bromoform	0.214	0.249	-16.4	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.529	3.766	-6.7	97	0.00
74 T	N-amyl acetate	0.748	0.698	6.7	82	0.00
75 P	1,1,2,2-Tetrachloroethane	0.603	0.599	0.7	92	0.00
76 T	1,2,3-Trichloropropane	0.483	0.441	8.7	74	0.00
77 T	Bromobenzene	0.842	0.915	-8.7	100	0.00
78 T	n-propylbenzene	4.201	4.479	-6.6	96	0.00
79 T	2-Chlorotoluene	2.407	2.534	-5.3	96	0.00
80 T	1,3,5-Trimethylbenzene	2.852	3.054	-7.1	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.199	0.200	-0.5	91	0.00
82 T	4-Chlorotoluene	2.497	2.572	-3.0	94	0.00
83 T	tert-Butylbenzene	2.576	2.825	-9.7	98	0.00
84 T	1,2,4-Trimethylbenzene	2.839	3.056	-7.6	97	0.00
85 T	sec-Butylbenzene	3.784	4.108	-8.6	98	0.00
86 T	p-Isopropyltoluene	3.141	3.465	-10.3	99	0.00
87 T	1,3-Dichlorobenzene	1.660	1.808	-8.9	101	0.00
88 T	1,4-Dichlorobenzene	1.647	1.771	-7.5	100	0.00
89 T	n-Butylbenzene	2.885	3.120	-8.1	97	0.00
90 T	Hexachloroethane	0.643	0.700	-8.9	100	0.00
91 T	1,2-Dichlorobenzene	1.456	1.589	-9.1	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.096	-2.1	91	0.00
93 T	1,2,4-Trichlorobenzene	0.861	0.965	-12.1	103	0.00
94 T	Hexachlorobutadiene	0.506	0.596	-17.8	109	0.00
95 T	Naphthalene	1.468	1.604	-9.3	97	0.00

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96 T	1,2,3-Trichlorobenzene	0.742	0.837	-12.8	105	0.00

(#) = Out of Range

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