

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
 Data File : VY022852.D
 Acq On : 27 Jun 2025 11:00
 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: Jun 27 23:13:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 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	99	0.00
2 T	Dichlorodifluoromethane	0.428	0.428	0.0	100	0.00
3 P	Chloromethane	0.816	0.857	-5.0	107	0.00
4 C	Vinyl Chloride	1.020	0.985	3.4#	93	0.00
5 T	Bromomethane	0.802	0.846	-5.5	108	0.00
6 T	Chloroethane	0.686	0.683	0.4	97	0.00
7 T	Trichlorofluoromethane	1.129	1.067	5.5	90	0.00
8 T	Diethyl Ether	0.279	0.297	-6.5	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.539	-4.5	103	0.00
10 T	Methyl Iodide	0.562	0.633	-12.6	100	0.00
11 T	Tert butyl alcohol	0.037	0.030	18.9	79	0.01
12 CM	1,1-Dichloroethene	0.506	0.535	-5.7#	103	0.00
13 T	Acrolein	0.050	0.046	8.0	91	0.00
14 T	Allyl chloride	0.778	0.829	-6.6	103	0.00
15 T	Acrylonitrile	0.116	0.114	1.7	93	0.00
16 T	Acetone	0.105	0.121	-15.2	125	0.00
17 T	Carbon Disulfide	1.635	1.684	-3.0	100	0.00
18 T	Methyl Acetate	0.349	0.300	14.0	84	0.00
19 T	Methyl tert-butyl Ether	1.378	1.416	-2.8	97	0.00
20 T	Methylene Chloride	0.666	0.659	1.1	110	0.00
21 T	trans-1,2-Dichloroethene	0.578	0.608	-5.2	101	0.00
22 T	Diisopropyl ether	1.729	1.832	-6.0	101	0.00
23 T	Vinyl Acetate	0.955	1.015	-6.3	99	0.00
24 P	1,1-Dichloroethane	1.044	1.117	-7.0	102	0.00
25 T	2-Butanone	0.154	0.156	-1.3	100	0.00
26 T	2,2-Dichloropropane	0.875	0.998	-14.1	111	0.00
27 T	cis-1,2-Dichloroethene	0.672	0.707	-5.2	102	0.00
28 T	Bromochloromethane	0.439	0.420	4.3	90	0.00
29 T	Tetrahydrofuran	0.097	0.093	4.1	90	0.00
30 C	Chloroform	1.076	1.114	-3.5#	100	0.00
31 T	Cyclohexane	0.959	0.990	-3.2	103	0.00
32 T	1,1,1-Trichloroethane	0.929	0.989	-6.5	103	0.00
33 S	1,2-Dichloroethane-d4	0.558	0.538	3.6	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.304	0.307	-1.0	97	0.00
36 T	1,1-Dichloropropene	0.461	0.506	-9.8	104	0.00
37 T	Ethyl Acetate	0.199	0.194	2.5	91	0.00
38 T	Carbon Tetrachloride	0.486	0.532	-9.5	104	0.00
39 T	Methylcyclohexane	0.596	0.671	-12.6	104	0.00
40 TM	Benzene	1.417	1.538	-8.5	101	0.00
41 T	Methacrylonitrile	0.122	0.113	7.4	91	-0.01
42 TM	1,2-Dichloroethane	0.388	0.407	-4.9	98	0.00
43 T	Isopropyl Acetate	0.413	0.416	-0.7	92	0.00
44 TM	Trichloroethene	0.356	0.381	-7.0	98	0.00
45 C	1,2-Dichloropropane	0.332	0.355	-6.9#	101	0.00
46 T	Dibromomethane	0.188	0.196	-4.3	98	0.00
47 T	Bromodichloromethane	0.485	0.520	-7.2	100	0.00
48 T	Methyl methacrylate	0.199	0.206	-3.5	92	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	1.207	1.256	-4.1	99	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.212	-1.0	90	0.00
52 CM	Toluene	0.894	0.991	-10.9#	103	0.00
53 T	t-1,3-Dichloropropene	0.437	0.473	-8.2	101	0.00
54 T	cis-1,3-Dichloropropene	0.506	0.555	-9.7	102	0.00
55 T	1,1,2-Trichloroethane	0.244	0.251	-2.9	96	0.00
56 T	Ethyl methacrylate	0.328	0.349	-6.4	95	0.00
57 T	1,3-Dichloropropane	0.425	0.439	-3.3	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.160	-10.3	91	0.00
59 T	2-Hexanone	0.143	0.151	-5.6	96	0.00
60 T	Dibromochloromethane	0.315	0.331	-5.1	97	0.00
61 T	1,2-Dibromoethane	0.228	0.233	-2.2	95	0.00
62 S	4-Bromofluorobenzene	0.388	0.399	-2.8	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.472	0.495	-4.9	91	0.00
65 PM	Chlorobenzene	1.099	1.211	-10.2	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.404	-8.6	100	0.00
67 C	Ethyl Benzene	1.930	2.214	-14.7#	104	0.00
68 T	m/p-Xylenes	0.746	0.854	-14.5	104	0.00
69 T	o-Xylene	0.703	0.804	-14.4	104	0.00
70 T	Styrene	1.178	1.339	-13.7	102	0.00
71 P	Bromoform	0.207	0.211	-1.9	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.698	4.232	-14.4	104	0.00
74 T	N-amyl acetate	0.830	0.904	-8.9	94	0.00
75 P	1,1,2,2-Tetrachloroethane	0.596	0.622	-4.4	102	0.00
76 T	1,2,3-Trichloropropane	0.510	0.529	-3.7	96	0.00
77 T	Bromobenzene	0.838	0.912	-8.8	99	0.00
78 T	n-propylbenzene	4.465	5.149	-15.3	105	0.00
79 T	2-Chlorotoluene	2.522	2.860	-13.4	103	0.00
80 T	1,3,5-Trimethylbenzene	2.985	3.440	-15.2	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.202	0.221	-9.4	103	0.00
82 T	4-Chlorotoluene	2.650	2.929	-10.5	101	0.00
83 T	tert-Butylbenzene	2.633	3.039	-15.4	104	0.00
84 T	1,2,4-Trimethylbenzene	2.989	3.427	-14.7	103	0.00
85 T	sec-Butylbenzene	3.961	4.597	-16.1	104	0.00
86 T	p-Isopropyltoluene	3.296	3.829	-16.2	104	0.00
87 T	1,3-Dichlorobenzene	1.683	1.862	-10.6	101	0.00
88 T	1,4-Dichlorobenzene	1.672	1.820	-8.9	100	0.00
89 T	n-Butylbenzene	3.101	3.602	-16.2	104	0.00
90 T	Hexachloroethane	0.657	0.727	-10.7	100	0.00
91 T	1,2-Dichlorobenzene	1.483	1.590	-7.2	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.099	2.0	89	0.00
93 T	1,2,4-Trichlorobenzene	0.838	0.867	-3.5	95	0.00
94 T	Hexachlorobutadiene	0.474	0.485	-2.3	97	0.00
95 T	Naphthalene	1.515	1.522	-0.5	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.718	0.8	91	0.00

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