

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022785.D
 Acq On : 24 Jun 2025 09:20
 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 25 01:19:53 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	103	0.00
2 T	Dichlorodifluoromethane	0.428	0.390	8.9	95	0.00
3 P	Chloromethane	0.816	0.733	10.2	95	0.00
4 C	Vinyl Chloride	1.020	0.931	8.7#	92	0.00
5 T	Bromomethane	0.802	0.695	13.3	93	0.00
6 T	Chloroethane	0.686	0.626	8.7	93	0.00
7 T	Trichlorofluoromethane	1.129	1.023	9.4	90	0.00
8 T	Diethyl Ether	0.279	0.267	4.3	97	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.503	2.5	101	0.00
10 T	Methyl Iodide	0.562	0.578	-2.8	95	0.00
11 T	Tert butyl alcohol	0.037	0.035	5.4	95	-0.03
12 CM	1,1-Dichloroethene	0.506	0.489	3.4#	98	-0.01
13 T	Acrolein	0.050	0.045	10.0	93	-0.01
14 T	Allyl chloride	0.778	0.767	1.4	99	-0.01
15 T	Acrylonitrile	0.116	0.115	0.9	98	-0.02
16 T	Acetone	0.105	0.124	-18.1	134	-0.01
17 T	Carbon Disulfide	1.635	1.605	1.8	99	0.00
18 T	Methyl Acetate	0.349	0.296	15.2	87	-0.01
19 T	Methyl tert-butyl Ether	1.378	1.347	2.2	97	-0.02
20 T	Methylene Chloride	0.666	0.577	13.4	101	-0.01
21 T	trans-1,2-Dichloroethene	0.578	0.559	3.3	97	-0.01
22 T	Diisopropyl ether	1.729	1.704	1.4	98	-0.01
23 T	Vinyl Acetate	0.955	0.990	-3.7	101	-0.01
24 P	1,1-Dichloroethane	1.044	1.022	2.1	98	-0.01
25 T	2-Butanone	0.154	0.159	-3.2	107	-0.01
26 T	2,2-Dichloropropane	0.875	0.900	-2.9	105	0.00
27 T	cis-1,2-Dichloroethene	0.672	0.652	3.0	98	-0.01
28 T	Bromochloromethane	0.439	0.438	0.2	98	0.00
29 T	Tetrahydrofuran	0.097	0.096	1.0	97	0.00
30 C	Chloroform	1.076	1.045	2.9#	98	0.00
31 T	Cyclohexane	0.959	0.899	6.3	98	0.00
32 T	1,1,1-Trichloroethane	0.929	0.904	2.7	98	0.00
33 S	1,2-Dichloroethane-d4	0.558	0.544	2.5	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.304	0.310	-2.0	102	0.00
36 T	1,1-Dichloropropene	0.461	0.462	-0.2	99	0.00
37 T	Ethyl Acetate	0.199	0.204	-2.5	100	-0.01
38 T	Carbon Tetrachloride	0.486	0.484	0.4	99	0.00
39 T	Methylcyclohexane	0.596	0.602	-1.0	98	0.00
40 TM	Benzene	1.417	1.410	0.5	97	0.00
41 T	Methacrylonitrile	0.122	0.112	8.2	94	-0.01
42 TM	1,2-Dichloroethane	0.388	0.391	-0.8	98	0.00
43 T	Isopropyl Acetate	0.413	0.416	-0.7	96	0.00
44 TM	Trichloroethene	0.356	0.347	2.5	93	0.00
45 C	1,2-Dichloropropane	0.332	0.331	0.3#	98	0.00
46 T	Dibromomethane	0.188	0.184	2.1	96	0.00
47 T	Bromodichloromethane	0.485	0.484	0.2	98	0.00
48 T	Methyl methacrylate	0.199	0.208	-4.5	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	93	-0.01
50 S	Toluene-d8	1.207	1.226	-1.6	101	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.214	-1.9	95	0.00
52 CM	Toluene	0.894	0.889	0.6#	96	0.00
53 T	t-1,3-Dichloropropene	0.437	0.441	-0.9	98	0.00
54 T	cis-1,3-Dichloropropene	0.506	0.512	-1.2	98	0.00
55 T	1,1,2-Trichloroethane	0.244	0.245	-0.4	97	0.00
56 T	Ethyl methacrylate	0.328	0.332	-1.2	94	0.00
57 T	1,3-Dichloropropane	0.425	0.421	0.9	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.169	-16.6	100	0.00
59 T	2-Hexanone	0.143	0.150	-4.9	99	0.00
60 T	Dibromochloromethane	0.315	0.315	0.0	96	0.00
61 T	1,2-Dibromoethane	0.228	0.226	0.9	96	0.00
62 S	4-Bromofluorobenzene	0.388	0.387	0.3	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.472	0.441	6.6	85	0.00
65 PM	Chlorobenzene	1.099	1.101	-0.2	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.375	-0.8	97	0.00
67 C	Ethyl Benzene	1.930	1.991	-3.2#	98	0.00
68 T	m/p-Xylenes	0.746	0.768	-2.9	98	0.00
69 T	o-Xylene	0.703	0.719	-2.3	97	0.00
70 T	Styrene	1.178	1.214	-3.1	97	0.00
71 P	Bromoform	0.207	0.204	1.4	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.698	3.705	-0.2	97	0.00
74 T	N-amyl acetate	0.830	0.863	-4.0	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.596	0.613	-2.9	107	0.00
76 T	1,2,3-Trichloropropane	0.510	0.506	0.8	98	0.00
77 T	Bromobenzene	0.838	0.818	2.4	95	0.00
78 T	n-propylbenzene	4.465	4.559	-2.1	99	0.00
79 T	2-Chlorotoluene	2.522	2.532	-0.4	97	0.00
80 T	1,3,5-Trimethylbenzene	2.985	3.040	-1.8	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.202	0.205	-1.5	102	0.00
82 T	4-Chlorotoluene	2.650	2.634	0.6	96	0.00
83 T	tert-Butylbenzene	2.633	2.659	-1.0	97	0.00
84 T	1,2,4-Trimethylbenzene	2.989	3.058	-2.3	97	0.00
85 T	sec-Butylbenzene	3.961	4.034	-1.8	97	0.00
86 T	p-Isopropyltoluene	3.296	3.388	-2.8	98	0.00
87 T	1,3-Dichlorobenzene	1.683	1.685	-0.1	97	0.00
88 T	1,4-Dichlorobenzene	1.672	1.646	1.6	96	0.00
89 T	n-Butylbenzene	3.101	3.178	-2.5	98	0.00
90 T	Hexachloroethane	0.657	0.659	-0.3	97	0.00
91 T	1,2-Dichlorobenzene	1.483	1.446	2.5	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.097	4.0	92	0.00
93 T	1,2,4-Trichlorobenzene	0.838	0.807	3.7	95	0.00
94 T	Hexachlorobutadiene	0.474	0.460	3.0	98	0.00
95 T	Naphthalene	1.515	1.472	2.8	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.692	4.4	94	0.00

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