

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
 Data File : VY022946.D
 Acq On : 07 Jul 2025 09:08
 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: Jul 08 01:41:15 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	101	0.00
2 T	Dichlorodifluoromethane	0.428	0.380	11.2	90	0.00
3 P	Chloromethane	0.816	0.771	5.5	98	0.00
4 C	Vinyl Chloride	1.020	0.912	10.6#	88	0.00
5 T	Bromomethane	0.802	0.649	19.1	85	0.00
6 T	Chloroethane	0.686	0.623	9.2	90	0.00
7 T	Trichlorofluoromethane	1.129	1.008	10.7	87	0.00
8 T	Diethyl Ether	0.279	0.262	6.1	92	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.504	2.3	98	0.00
10 T	Methyl Iodide	0.562	0.592	-5.3	95	0.00
11 T	Tert butyl alcohol	0.037	0.031	16.2	83	0.00
12 CM	1,1-Dichloroethene	0.506	0.485	4.2#	95	-0.01
13 T	Acrolein	0.050	0.017	66.0#	35#	0.00
14 T	Allyl chloride	0.778	0.785	-0.9	99	0.00
15 T	Acrylonitrile	0.116	0.115	0.9	96	-0.01
16 T	Acetone	0.105	0.125	-19.0	132	0.00
17 T	Carbon Disulfide	1.635	1.542	5.7	93	0.00
18 T	Methyl Acetate	0.349	0.311	10.9	89	0.00
19 T	Methyl tert-butyl Ether	1.378	1.304	5.4	91	-0.01
20 T	Methylene Chloride	0.666	0.591	11.3	101	0.00
21 T	trans-1,2-Dichloroethene	0.578	0.557	3.6	95	-0.01
22 T	Diisopropyl ether	1.729	1.747	-1.0	98	0.00
23 T	Vinyl Acetate	0.955	0.972	-1.8	97	-0.01
24 P	1,1-Dichloroethane	1.044	1.033	1.1	96	0.00
25 T	2-Butanone	0.154	0.158	-2.6	104	0.00
26 T	2,2-Dichloropropane	0.875	0.899	-2.7	102	0.00
27 T	cis-1,2-Dichloroethene	0.672	0.646	3.9	95	0.00
28 T	Bromochloromethane	0.439	0.443	-0.9	97	0.00
29 T	Tetrahydrofuran	0.097	0.094	3.1	93	0.00
30 C	Chloroform	1.076	1.037	3.6#	95	0.00
31 T	Cyclohexane	0.959	0.918	4.3	98	0.00
32 T	1,1,1-Trichloroethane	0.929	0.915	1.5	97	0.00
33 S	1,2-Dichloroethane-d4	0.558	0.526	5.7	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.304	0.304	0.0	96	0.00
36 T	1,1-Dichloropropene	0.461	0.471	-2.2	97	0.00
37 T	Ethyl Acetate	0.199	0.205	-3.0	96	-0.01
38 T	Carbon Tetrachloride	0.486	0.497	-2.3	97	0.00
39 T	Methylcyclohexane	0.596	0.610	-2.3	95	0.00
40 TM	Benzene	1.417	1.451	-2.4	95	0.00
41 T	Methacrylonitrile	0.122	0.116	4.9	93	-0.01
42 TM	1,2-Dichloroethane	0.388	0.385	0.8	93	0.00
43 T	Isopropyl Acetate	0.413	0.412	0.2	91	0.00
44 TM	Trichloroethene	0.356	0.363	-2.0	94	0.00
45 C	1,2-Dichloropropane	0.332	0.341	-2.7#	97	0.00
46 T	Dibromomethane	0.188	0.185	1.6	93	0.00
47 T	Bromodichloromethane	0.485	0.491	-1.2	95	0.00
48 T	Methyl methacrylate	0.199	0.203	-2.0	91	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	1.207	1.210	-0.2	96	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.217	-3.3	92	0.00
52 CM	Toluene	0.894	0.904	-1.1#	94	0.00
53 T	t-1,3-Dichloropropene	0.437	0.448	-2.5	95	0.00
54 T	cis-1,3-Dichloropropene	0.506	0.524	-3.6	96	0.00
55 T	1,1,2-Trichloroethane	0.244	0.246	-0.8	94	0.00
56 T	Ethyl methacrylate	0.328	0.334	-1.8	91	0.00
57 T	1,3-Dichloropropane	0.425	0.429	-0.9	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.176	-21.4	100	0.00
59 T	2-Hexanone	0.143	0.151	-5.6	96	0.00
60 T	Dibromochloromethane	0.315	0.319	-1.3	93	0.00
61 T	1,2-Dibromoethane	0.228	0.227	0.4	92	0.00
62 S	4-Bromofluorobenzene	0.388	0.394	-1.5	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.472	0.483	-2.3	89	0.00
65 PM	Chlorobenzene	1.099	1.117	-1.6	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.378	-1.6	93	0.00
67 C	Ethyl Benzene	1.930	2.005	-3.9#	94	0.00
68 T	m/p-Xylenes	0.746	0.775	-3.9	94	0.00
69 T	o-Xylene	0.703	0.715	-1.7	93	0.00
70 T	Styrene	1.178	1.211	-2.8	92	0.00
71 P	Bromoform	0.207	0.206	0.5	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.698	3.864	-4.5	94	0.00
74 T	N-amyl acetate	0.830	0.870	-4.8	89	0.00
75 P	1,1,2,2-Tetrachloroethane	0.596	0.609	-2.2	99	0.00
76 T	1,2,3-Trichloropropane	0.510	0.472	7.5	85	0.00
77 T	Bromobenzene	0.838	0.851	-1.6	92	0.00
78 T	n-propylbenzene	4.465	4.761	-6.6	96	0.00
79 T	2-Chlorotoluene	2.522	2.635	-4.5	94	0.00
80 T	1,3,5-Trimethylbenzene	2.985	3.124	-4.7	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.202	0.217	-7.4	101	0.00
82 T	4-Chlorotoluene	2.650	2.718	-2.6	93	0.00
83 T	tert-Butylbenzene	2.633	2.809	-6.7	95	0.00
84 T	1,2,4-Trimethylbenzene	2.989	3.124	-4.5	93	0.00
85 T	sec-Butylbenzene	3.961	4.189	-5.8	94	0.00
86 T	p-Isopropyltoluene	3.296	3.520	-6.8	95	0.00
87 T	1,3-Dichlorobenzene	1.683	1.729	-2.7	93	0.00
88 T	1,4-Dichlorobenzene	1.672	1.691	-1.1	92	0.00
89 T	n-Butylbenzene	3.101	3.328	-7.3	96	0.00
90 T	Hexachloroethane	0.657	0.692	-5.3	95	0.00
91 T	1,2-Dichlorobenzene	1.483	1.504	-1.4	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.101	0.0	90	0.00
93 T	1,2,4-Trichlorobenzene	0.838	0.846	-1.0	92	0.00
94 T	Hexachlorobutadiene	0.474	0.480	-1.3	95	0.00
95 T	Naphthalene	1.515	1.507	0.5	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.712	1.7	90	0.00

(#) = Out of Range

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