

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
 Data File : VY022536.D
 Acq On : 03 Jun 2025 20:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 04 04:18:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 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	79	0.00
2 T	Dichlorodifluoromethane	0.448	0.389	13.2	74	0.00
3 P	Chloromethane	1.322	1.505	-13.8	97	0.00
4 C	Vinyl Chloride	1.534	1.832	-19.4#	97	0.00
5 T	Bromomethane	1.470	1.391	5.4	89	0.00
6 T	Chloroethane	1.053	1.190	-13.0	98	0.00
7 T	Trichlorofluoromethane	1.302	1.443	-10.8	93	-0.01
8 T	Diethyl Ether	0.293	0.304	-3.8	83	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.527	4.0	77	0.00
10 T	Methyl Iodide	0.594	0.588	1.0	72	0.00
11 T	Tert butyl alcohol	0.040	0.039	2.5	78	0.00
12 CM	1,1-Dichloroethene	0.524	0.518	1.1#	79	-0.01
13 T	Acrolein	0.050	0.042	16.0	68	0.00
14 T	Allyl chloride	0.823	0.807	1.9	79	-0.01
15 T	Acrylonitrile	0.124	0.128	-3.2	81	0.00
16 T	Acetone	0.114	0.093	18.4	63	0.00
17 T	Carbon Disulfide	1.679	1.643	2.1	78	0.00
18 T	Methyl Acetate	0.336	0.390	-16.1	93	-0.01
19 T	Methyl tert-butyl Ether	1.477	1.522	-3.0	82	-0.01
20 T	Methylene Chloride	0.645	0.625	3.1	86	-0.01
21 T	trans-1,2-Dichloroethene	0.587	0.601	-2.4	83	-0.01
22 T	Diisopropyl ether	1.832	1.864	-1.7	81	0.00
23 T	Vinyl Acetate	1.084	1.051	3.0	77	0.00
24 P	1,1-Dichloroethane	1.079	1.124	-4.2	84	-0.01
25 T	2-Butanone	0.164	0.157	4.3	74	0.00
26 T	2,2-Dichloropropane	0.954	0.854	10.5	71	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.716	-5.6	83	0.00
28 T	Bromochloromethane	0.471	0.490	-4.0	85	0.00
29 T	Tetrahydrofuran	0.106	0.107	-0.9	81	0.00
30 C	Chloroform	1.069	1.151	-7.7#	86	0.00
31 T	Cyclohexane	1.075	0.960	10.7	75	0.00
32 T	1,1,1-Trichloroethane	0.949	0.985	-3.8	82	0.00
33 S	1,2-Dichloroethane-d4	0.559	0.605	-8.2	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35 S	Dibromofluoromethane	0.298	0.320	-7.4	83	0.00
36 T	1,1-Dichloropropene	0.484	0.467	3.5	79	0.00
37 T	Ethyl Acetate	0.216	0.214	0.9	77	0.00
38 T	Carbon Tetrachloride	0.497	0.478	3.8	78	0.00
39 T	Methylcyclohexane	0.651	0.594	8.8	75	0.00
40 TM	Benzene	1.431	1.465	-2.4	84	0.00
41 T	Methacrylonitrile	0.126	0.125	0.8	83	-0.01
42 TM	1,2-Dichloroethane	0.391	0.398	-1.8	84	0.00
43 T	Isopropyl Acetate	0.467	0.454	2.8	79	0.00
44 TM	Trichloroethene	0.350	0.354	-1.1	82	0.00
45 C	1,2-Dichloropropane	0.338	0.338	0.0	81	0.00
46 T	Dibromomethane	0.190	0.195	-2.6	84	0.00
47 T	Bromodichloromethane	0.482	0.503	-4.4	85	0.00
48 T	Methyl methacrylate	0.219	0.212	3.2	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	88	-0.01
50 S	Toluene-d8	1.206	1.276	-5.8	83	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.232	0.4	79	0.00
52 CM	Toluene	0.899	0.909	-1.1#	83	0.00
53 T	t-1,3-Dichloropropene	0.452	0.442	2.2	79	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.520	1.1	80	0.00
55 T	1,1,2-Trichloroethane	0.243	0.247	-1.6	85	0.00
56 T	Ethyl methacrylate	0.351	0.347	1.1	79	0.00
57 T	1,3-Dichloropropane	0.430	0.441	-2.6	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.096	39.6#	50	0.00
59 T	2-Hexanone	0.156	0.154	1.3	79	0.00
60 T	Dibromochloromethane	0.308	0.311	-1.0	82	0.00
61 T	1,2-Dibromoethane	0.221	0.230	-4.1	86	0.00
62 S	4-Bromofluorobenzene	0.359	0.370	-3.1	82	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.430	0.459	-6.7	87	0.00
65 PM	Chlorobenzene	1.106	1.132	-2.4	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.379	-1.6	83	0.00
67 C	Ethyl Benzene	2.052	2.057	-0.2#	82	0.00
68 T	m/p-Xylenes	0.778	0.782	-0.5	83	0.00
69 T	o-Xylene	0.729	0.739	-1.4	84	0.00
70 T	Styrene	1.206	1.236	-2.5	83	0.00
71 P	Bromoform	0.198	0.202	-2.0	84	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73 T	Isopropylbenzene	4.105	4.064	1.0	82	0.00
74 T	N-amyl acetate	1.036	1.042	-0.6	81	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.647	4.0	79	0.00
76 T	1,2,3-Trichloropropane	0.572	0.657	-14.9	87	0.00
77 T	Bromobenzene	0.866	0.866	0.0	83	0.00
78 T	n-propylbenzene	5.014	4.961	1.1	82	0.00
79 T	2-Chlorotoluene	2.657	2.673	-0.6	83	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.212	0.3	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.202	14.8	72	0.00
82 T	4-Chlorotoluene	2.741	2.670	2.6	80	0.00
83 T	tert-Butylbenzene	2.893	2.932	-1.3	84	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.234	-0.3	84	0.00
85 T	sec-Butylbenzene	4.430	4.343	2.0	81	0.00
86 T	p-Isopropyltoluene	3.652	3.574	2.1	82	0.00
87 T	1,3-Dichlorobenzene	1.755	1.761	-0.3	85	0.00
88 T	1,4-Dichlorobenzene	1.702	1.697	0.3	83	0.00
89 T	n-Butylbenzene	3.464	3.385	2.3	80	0.00
90 T	Hexachloroethane	0.711	0.711	0.0	83	0.00
91 T	1,2-Dichlorobenzene	1.490	1.517	-1.8	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.098	0.0	78	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.816	-0.4	83	0.00
94 T	Hexachlorobutadiene	0.449	0.430	4.2	80	0.00
95 T	Naphthalene	1.560	1.603	-2.8	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.700	-0.4	83	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5