

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060525\
 Data File : VY022585.D
 Acq On : 05 Jun 2025 19:51
 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 06 01:29:27 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	75	-0.01
2 T	Dichlorodifluoromethane	0.448	0.446	0.4	81	0.00
3 P	Chloromethane	1.322	1.413	-6.9	86	0.00
4 C	Vinyl Chloride	1.534	2.082	-35.7#	104	0.00
5 T	Bromomethane	1.470	1.586	-7.9	96	-0.01
6 T	Chloroethane	1.053	1.460	-38.7#	113	-0.01
7 T	Trichlorofluoromethane	1.302	1.935	-48.6#	118	-0.01
8 T	Diethyl Ether	0.293	0.307	-4.8	79	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.545	0.7	76	-0.01
10 T	Methyl Iodide	0.594	0.577	2.9	67	-0.01
11 T	Tert butyl alcohol	0.040	0.046	-15.0	87	-0.02
12 CM	1,1-Dichloroethene	0.524	0.531	-1.3#	77	-0.02
13 T	Acrolein	0.050	0.040	20.0	62	-0.01
14 T	Allyl chloride	0.823	0.804	2.3	75	-0.02
15 T	Acrylonitrile	0.124	0.135	-8.9	80	-0.02
16 T	Acetone	0.114	0.105	7.9	68	-0.01
17 T	Carbon Disulfide	1.679	1.694	-0.9	76	-0.01
18 T	Methyl Acetate	0.336	0.447	-33.0#	100	-0.02
19 T	Methyl tert-butyl Ether	1.477	1.567	-6.1	80	-0.02
20 T	Methylene Chloride	0.645	0.664	-2.9	87	-0.02
21 T	trans-1,2-Dichloroethene	0.587	0.598	-1.9	78	-0.02
22 T	Diisopropyl ether	1.832	1.920	-4.8	79	-0.01
23 T	Vinyl Acetate	1.084	1.073	1.0	74	-0.02
24 P	1,1-Dichloroethane	1.079	1.140	-5.7	80	-0.02
25 T	2-Butanone	0.164	0.172	-4.9	77	-0.01
26 T	2,2-Dichloropropane	0.954	0.803	15.8	63	-0.01
27 T	cis-1,2-Dichloroethene	0.678	0.720	-6.2	79	-0.01
28 T	Bromochloromethane	0.471	0.536	-13.8	88	-0.01
29 T	Tetrahydrofuran	0.106	0.116	-9.4	83	-0.01
30 C	Chloroform	1.069	1.165	-9.0#	82	-0.01
31 T	Cyclohexane	1.075	0.986	8.3	73	-0.01
32 T	1,1,1-Trichloroethane	0.949	0.978	-3.1	77	0.00
33 S	1,2-Dichloroethane-d4	0.559	0.619	-10.7	78	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.298	0.310	-4.0	76	-0.01
36 T	1,1-Dichloropropene	0.484	0.474	2.1	77	-0.01
37 T	Ethyl Acetate	0.216	0.224	-3.7	77	-0.02
38 T	Carbon Tetrachloride	0.497	0.479	3.6	75	-0.01
39 T	Methylcyclohexane	0.651	0.602	7.5	73	-0.01
40 TM	Benzene	1.431	1.469	-2.7	81	-0.01
41 T	Methacrylonitrile	0.126	0.128	-1.6	81	-0.02
42 TM	1,2-Dichloroethane	0.391	0.410	-4.9	83	-0.01
43 T	Isopropyl Acetate	0.467	0.476	-1.9	79	0.00
44 TM	Trichloroethene	0.350	0.359	-2.6	80	0.00
45 C	1,2-Dichloropropane	0.338	0.348	-3.0#	80	0.00
46 T	Dibromomethane	0.190	0.204	-7.4	84	0.00
47 T	Bromodichloromethane	0.482	0.510	-5.8	82	0.00
48 T	Methyl methacrylate	0.219	0.221	-0.9	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	91	-0.02
50 S	Toluene-d8	1.206	1.231	-2.1	76	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.252	-8.2	82	0.00
52 CM	Toluene	0.899	0.917	-2.0#	80	-0.01
53 T	t-1,3-Dichloropropene	0.452	0.450	0.4	77	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.527	-0.2	78	0.00
55 T	1,1,2-Trichloroethane	0.243	0.257	-5.8	84	0.00
56 T	Ethyl methacrylate	0.351	0.367	-4.6	80	0.00
57 T	1,3-Dichloropropane	0.430	0.456	-6.0	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.185	-16.4	92	0.00
59 T	2-Hexanone	0.156	0.165	-5.8	81	0.00
60 T	Dibromochloromethane	0.308	0.318	-3.2	80	0.00
61 T	1,2-Dibromoethane	0.221	0.229	-3.6	82	0.00
62 S	4-Bromofluorobenzene	0.359	0.368	-2.5	79	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.430	0.467	-8.6	88	-0.01
65 PM	Chlorobenzene	1.106	1.096	0.9	80	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.380	-1.9	82	0.00
67 C	Ethyl Benzene	2.052	2.007	2.2#	79	0.00
68 T	m/p-Xylenes	0.778	0.759	2.4	79	0.00
69 T	o-Xylene	0.729	0.732	-0.4	82	0.00
70 T	Styrene	1.206	1.234	-2.3	82	0.00
71 P	Bromoform	0.198	0.197	0.5	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	4.105	3.715	9.5	78	0.00
74 T	N-amyl acetate	1.036	0.955	7.8	78	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.607	9.9	78	0.00
76 T	1,2,3-Trichloropropane	0.572	0.601	-5.1	83	0.00
77 T	Bromobenzene	0.866	0.801	7.5	81	0.00
78 T	n-propylbenzene	5.014	4.539	9.5	78	0.00
79 T	2-Chlorotoluene	2.657	2.426	8.7	79	0.00
80 T	1,3,5-Trimethylbenzene	3.223	2.976	7.7	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.196	17.3	73	0.00
82 T	4-Chlorotoluene	2.741	2.501	8.8	79	0.00
83 T	tert-Butylbenzene	2.893	2.629	9.1	79	0.00
84 T	1,2,4-Trimethylbenzene	3.223	2.986	7.4	81	0.00
85 T	sec-Butylbenzene	4.430	3.983	10.1	78	0.00
86 T	p-Isopropyltoluene	3.652	3.314	9.3	79	0.00
87 T	1,3-Dichlorobenzene	1.755	1.627	7.3	82	0.00
88 T	1,4-Dichlorobenzene	1.702	1.562	8.2	80	0.00
89 T	n-Butylbenzene	3.464	3.162	8.7	78	0.00
90 T	Hexachloroethane	0.711	0.659	7.3	80	0.00
91 T	1,2-Dichlorobenzene	1.490	1.409	5.4	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.095	3.1	79	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.773	4.9	83	0.00
94 T	Hexachlorobutadiene	0.449	0.402	10.5	78	0.00
95 T	Naphthalene	1.560	1.581	-1.3	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.683	2.0	85	0.00

(#) = Out of Range

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