

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062025\
 Data File : VY022759.D
 Acq On : 20 Jun 2025 11:43
 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 21 02:37:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 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	59	0.00
2 T	Dichlorodifluoromethane	0.448	0.384	14.3	55	0.00
3 P	Chloromethane	1.322	1.325	-0.2	63	0.00
4 C	Vinyl Chloride	1.534	1.584	-3.3#	62	0.00
5 T	Bromomethane	1.470	1.768	-20.3	84	0.00
6 T	Chloroethane	1.053	1.289	-22.4	79	0.00
7 T	Trichlorofluoromethane	1.302	1.364	-4.8	66	0.00
8 T	Diethyl Ether	0.293	0.308	-5.1	62	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.572	-4.2	63	0.00
10 T	Methyl Iodide	0.594	0.647	-8.9	59	0.00
11 T	Tert butyl alcohol	0.040	0.035	12.5	53	0.01
12 CM	1,1-Dichloroethene	0.524	0.532	-1.5#	60	-0.01
13 T	Acrolein	0.050	0.012	76.0#	15#	0.00
14 T	Allyl chloride	0.823	0.823	0.0	60	0.00
15 T	Acrylonitrile	0.124	0.141	-13.7	66	0.00
16 T	Acetone	0.114	0.108	5.3	55	0.00
17 T	Carbon Disulfide	1.679	1.609	4.2	57	0.00
18 T	Methyl Acetate	0.336	0.426	-26.8#	75	0.00
19 T	Methyl tert-butyl Ether	1.477	1.582	-7.1	63	-0.01
20 T	Methylene Chloride	0.645	0.639	0.9	66	0.00
21 T	trans-1,2-Dichloroethene	0.587	0.626	-6.6	65	0.00
22 T	Diisopropyl ether	1.832	2.002	-9.3	65	0.00
23 T	Vinyl Acetate	1.084	1.121	-3.4	61	0.00
24 P	1,1-Dichloroethane	1.079	1.214	-12.5	68	0.00
25 T	2-Butanone	0.164	0.171	-4.3	60	0.00
26 T	2,2-Dichloropropane	0.954	1.036	-8.6	65	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.772	-13.9	67	0.00
28 T	Bromochloromethane	0.471	0.526	-11.7	68	0.00
29 T	Tetrahydrofuran	0.106	0.113	-6.6	64	0.00
30 C	Chloroform	1.069	1.251	-17.0#	70	0.00
31 T	Cyclohexane	1.075	0.987	8.2	57	0.00
32 T	1,1,1-Trichloroethane	0.949	1.042	-9.8	65	0.00
33 S	1,2-Dichloroethane-d4	0.559	0.613	-9.7	61	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	61	0.00
35 S	Dibromofluoromethane	0.298	0.321	-7.7	61	0.00
36 T	1,1-Dichloropropene	0.484	0.503	-3.9	63	0.00
37 T	Ethyl Acetate	0.216	0.236	-9.3	63	0.00
38 T	Carbon Tetrachloride	0.497	0.522	-5.0	63	0.00
39 T	Methylcyclohexane	0.651	0.614	5.7	57	0.00
40 TM	Benzene	1.431	1.566	-9.4	66	0.00
41 T	Methacrylonitrile	0.126	0.132	-4.8	64	-0.01
42 TM	1,2-Dichloroethane	0.391	0.441	-12.8	69	0.00
43 T	Isopropyl Acetate	0.467	0.487	-4.3	62	0.00
44 TM	Trichloroethene	0.350	0.368	-5.1	63	0.00
45 C	1,2-Dichloropropane	0.338	0.380	-12.4#	68	0.00
46 T	Dibromomethane	0.190	0.215	-13.2	68	0.00
47 T	Bromodichloromethane	0.482	0.546	-13.3	68	0.00
48 T	Methyl methacrylate	0.219	0.224	-2.3	62	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	58	0.00
50 S	Toluene-d8	1.206	1.264	-4.8	60	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.258	-10.7	65	0.00
52 CM	Toluene	0.899	0.983	-9.3#	67	0.00
53 T	t-1,3-Dichloropropene	0.452	0.483	-6.9	64	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.575	-9.3	65	0.00
55 T	1,1,2-Trichloroethane	0.243	0.273	-12.3	69	0.00
56 T	Ethyl methacrylate	0.351	0.369	-5.1	62	0.00
57 T	1,3-Dichloropropane	0.430	0.482	-12.1	68	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.164	-3.1	63	0.00
59 T	2-Hexanone	0.156	0.165	-5.8	62	0.00
60 T	Dibromochloromethane	0.308	0.347	-12.7	68	0.00
61 T	1,2-Dibromoethane	0.221	0.249	-12.7	68	0.00
62 S	4-Bromofluorobenzene	0.359	0.366	-1.9	60	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	62	0.00
64 T	Tetrachloroethene	0.430	0.505	-17.4	72	0.00
65 PM	Chlorobenzene	1.106	1.197	-8.2	67	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.413	-10.7	68	0.00
67 C	Ethyl Benzene	2.052	2.170	-5.8#	65	0.00
68 T	m/p-Xylenes	0.778	0.823	-5.8	65	0.00
69 T	o-Xylene	0.729	0.785	-7.7	67	0.00
70 T	Styrene	1.206	1.307	-8.4	66	0.00
71 P	Bromoform	0.198	0.211	-6.6	66	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	62	0.00
73 T	Isopropylbenzene	4.105	4.282	-4.3	65	0.00
74 T	N-amyl acetate	1.036	1.038	-0.2	60	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.727	-7.9	66	0.00
76 T	1,2,3-Trichloropropane	0.572	0.572	0.0	57	0.00
77 T	Bromobenzene	0.866	0.931	-7.5	67	0.00
78 T	n-propylbenzene	5.014	5.274	-5.2	65	0.00
79 T	2-Chlorotoluene	2.657	2.811	-5.8	65	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.403	-5.6	65	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.234	1.3	62	0.00
82 T	4-Chlorotoluene	2.741	2.912	-6.2	65	0.00
83 T	tert-Butylbenzene	2.893	3.015	-4.2	65	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.427	-6.3	66	0.00
85 T	sec-Butylbenzene	4.430	4.593	-3.7	64	0.00
86 T	p-Isopropyltoluene	3.652	3.860	-5.7	66	0.00
87 T	1,3-Dichlorobenzene	1.755	1.919	-9.3	69	0.00
88 T	1,4-Dichlorobenzene	1.702	1.808	-6.2	66	0.00
89 T	n-Butylbenzene	3.464	3.622	-4.6	64	0.00
90 T	Hexachloroethane	0.711	0.777	-9.3	68	0.00
91 T	1,2-Dichlorobenzene	1.490	1.638	-9.9	67	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.109	-11.2	64	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.868	-6.8	66	0.00
94 T	Hexachlorobutadiene	0.449	0.476	-6.0	66	0.00
95 T	Naphthalene	1.560	1.682	-7.8	65	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.749	-7.5	67	0.00

(#) = Out of Range

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