

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060525\
 Data File : VY022560.D
 Acq On : 05 Jun 2025 08:40
 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 06 01:18:32 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	86	0.00
2 T	Dichlorodifluoromethane	0.448	0.407	9.2	84	0.00
3 P	Chloromethane	1.322	1.167	11.7	81	0.00
4 C	Vinyl Chloride	1.534	1.704	-11.1#	97	0.00
5 T	Bromomethane	1.470	1.259	14.4	87	0.00
6 T	Chloroethane	1.053	1.178	-11.9	105	0.00
7 T	Trichlorofluoromethane	1.302	1.466	-12.6	103	0.00
8 T	Diethyl Ether	0.293	0.293	0.0	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.546	0.5	87	0.00
10 T	Methyl Iodide	0.594	0.594	0.0	79	0.00
11 T	Tert butyl alcohol	0.040	0.041	-2.5	89	-0.02
12 CM	1,1-Dichloroethene	0.524	0.529	-1.0#	87	-0.01
13 T	Acrolein	0.050	0.037	26.0#	66	0.00
14 T	Allyl chloride	0.823	0.835	-1.5	89	0.00
15 T	Acrylonitrile	0.124	0.127	-2.4	86	0.00
16 T	Acetone	0.114	0.119	-4.4	88	-0.01
17 T	Carbon Disulfide	1.679	1.678	0.1	86	0.00
18 T	Methyl Acetate	0.336	0.321	4.5	83	-0.02
19 T	Methyl tert-butyl Ether	1.477	1.489	-0.8	87	-0.01
20 T	Methylene Chloride	0.645	0.623	3.4	93	0.00
21 T	trans-1,2-Dichloroethene	0.587	0.597	-1.7	89	-0.01
22 T	Diisopropyl ether	1.832	1.889	-3.1	89	0.00
23 T	Vinyl Acetate	1.084	1.110	-2.4	88	-0.01
24 P	1,1-Dichloroethane	1.079	1.131	-4.8	91	0.00
25 T	2-Butanone	0.164	0.168	-2.4	86	-0.01
26 T	2,2-Dichloropropane	0.954	1.004	-5.2	91	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.708	-4.4	89	0.00
28 T	Bromochloromethane	0.471	0.484	-2.8	91	0.00
29 T	Tetrahydrofuran	0.106	0.105	0.9	86	0.00
30 C	Chloroform	1.069	1.129	-5.6#	91	0.00
31 T	Cyclohexane	1.075	1.015	5.6	86	0.00
32 T	1,1,1-Trichloroethane	0.949	1.003	-5.7	91	0.00
33 S	1,2-Dichloroethane-d4	0.559	0.564	-0.9	82	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35 S	Dibromofluoromethane	0.298	0.302	-1.3	82	0.00
36 T	1,1-Dichloropropene	0.484	0.494	-2.1	88	0.00
37 T	Ethyl Acetate	0.216	0.220	-1.9	83	-0.01
38 T	Carbon Tetrachloride	0.497	0.510	-2.6	87	0.00
39 T	Methylcyclohexane	0.651	0.658	-1.1	87	0.00
40 TM	Benzene	1.431	1.500	-4.8	90	0.00
41 T	Methacrylonitrile	0.126	0.130	-3.2	90	0.00
42 TM	1,2-Dichloroethane	0.391	0.402	-2.8	89	0.00
43 T	Isopropyl Acetate	0.467	0.468	-0.2	85	0.00
44 TM	Trichloroethene	0.350	0.367	-4.9	90	0.00
45 C	1,2-Dichloropropane	0.338	0.353	-4.4#	89	0.00
46 T	Dibromomethane	0.190	0.195	-2.6	88	0.00
47 T	Bromodichloromethane	0.482	0.512	-6.2	90	0.00
48 T	Methyl methacrylate	0.219	0.219	0.0	85	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	-0.02
50 S	Toluene-d8	1.206	1.228	-1.8	83	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.240	-3.0	86	0.00
52 CM	Toluene	0.899	0.944	-5.0#	91	0.00
53 T	t-1,3-Dichloropropene	0.452	0.472	-4.4	89	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.554	-5.3	89	0.00
55 T	1,1,2-Trichloroethane	0.243	0.250	-2.9	90	0.00
56 T	Ethyl methacrylate	0.351	0.359	-2.3	86	0.00
57 T	1,3-Dichloropropane	0.430	0.444	-3.3	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.175	-10.1	95	0.00
59 T	2-Hexanone	0.156	0.159	-1.9	85	0.00
60 T	Dibromochloromethane	0.308	0.322	-4.5	89	0.00
61 T	1,2-Dibromoethane	0.221	0.225	-1.8	87	0.00
62 S	4-Bromofluorobenzene	0.359	0.364	-1.4	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.430	0.480	-11.6	96	0.00
65 PM	Chlorobenzene	1.106	1.148	-3.8	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.391	-4.8	90	0.00
67 C	Ethyl Benzene	2.052	2.148	-4.7#	90	0.00
68 T	m/p-Xylenes	0.778	0.814	-4.6	91	0.00
69 T	o-Xylene	0.729	0.760	-4.3	91	0.00
70 T	Styrene	1.206	1.279	-6.1	91	0.00
71 P	Bromoform	0.198	0.198	0.0	86	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	4.105	4.258	-3.7	90	0.00
74 T	N-amyl acetate	1.036	1.050	-1.4	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.657	2.5	84	0.00
76 T	1,2,3-Trichloropropane	0.572	0.600	-4.9	83	0.00
77 T	Bromobenzene	0.866	0.884	-2.1	89	0.00
78 T	n-propylbenzene	5.014	5.221	-4.1	90	0.00
79 T	2-Chlorotoluene	2.657	2.769	-4.2	91	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.357	-4.2	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.239	-0.8	90	0.00
82 T	4-Chlorotoluene	2.741	2.834	-3.4	89	0.00
83 T	tert-Butylbenzene	2.893	3.035	-4.9	92	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.360	-4.3	91	0.00
85 T	sec-Butylbenzene	4.430	4.618	-4.2	91	0.00
86 T	p-Isopropyltoluene	3.652	3.816	-4.5	92	0.00
87 T	1,3-Dichlorobenzene	1.755	1.819	-3.6	92	0.00
88 T	1,4-Dichlorobenzene	1.702	1.768	-3.9	91	0.00
89 T	n-Butylbenzene	3.464	3.736	-7.9	93	0.00
90 T	Hexachloroethane	0.711	0.757	-6.5	93	0.00
91 T	1,2-Dichlorobenzene	1.490	1.543	-3.6	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.104	-6.1	86	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.903	-11.1	97	0.00
94 T	Hexachlorobutadiene	0.449	0.477	-6.2	94	0.00
95 T	Naphthalene	1.560	1.685	-8.0	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.752	-7.9	94	0.00

(#) = Out of Range

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