

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022636.D
 Acq On : 09 Jun 2025 17:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 10 01:33:14 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	69	0.00
2 T	Dichlorodifluoromethane	0.448	0.411	8.3	69	0.00
3 P	Chloromethane	1.322	1.550	-17.2	87	0.00
4 C	Vinyl Chloride	1.534	1.858	-21.1#	86	0.00
5 T	Bromomethane	1.470	1.644	-11.8	92	0.00
6 T	Chloroethane	1.053	1.368	-29.9#	98	0.00
7 T	Trichlorofluoromethane	1.302	1.509	-15.9	85	0.00
8 T	Diethyl Ether	0.293	0.320	-9.2	76	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.571	-4.0	73	0.00
10 T	Methyl Iodide	0.594	0.639	-7.6	69	0.00
11 T	Tert butyl alcohol	0.040	0.040	0.0	71	0.00
12 CM	1,1-Dichloroethene	0.524	0.563	-7.4#	75	-0.01
13 T	Acrolein	0.050	0.026	48.0#	38#	0.00
14 T	Allyl chloride	0.823	0.864	-5.0	74	0.00
15 T	Acrylonitrile	0.124	0.134	-8.1	74	0.00
16 T	Acetone	0.114	0.098	14.0	59	0.00
17 T	Carbon Disulfide	1.679	1.718	-2.3	71	0.00
18 T	Methyl Acetate	0.336	0.425	-26.5#	88	0.00
19 T	Methyl tert-butyl Ether	1.477	1.584	-7.2	75	-0.02
20 T	Methylene Chloride	0.645	0.684	-6.0	82	0.00
21 T	trans-1,2-Dichloroethene	0.587	0.646	-10.1	78	0.00
22 T	Diisopropyl ether	1.832	2.003	-9.3	76	0.00
23 T	Vinyl Acetate	1.084	1.123	-3.6	72	0.00
24 P	1,1-Dichloroethane	1.079	1.218	-12.9	80	0.00
25 T	2-Butanone	0.164	0.164	0.0	68	0.00
26 T	2,2-Dichloropropane	0.954	0.973	-2.0	71	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.774	-14.2	79	0.00
28 T	Bromochloromethane	0.471	0.529	-12.3	81	0.00
29 T	Tetrahydrofuran	0.106	0.112	-5.7	74	0.00
30 C	Chloroform	1.069	1.239	-15.9#	81	0.00
31 T	Cyclohexane	1.075	1.018	5.3	69	0.00
32 T	1,1,1-Trichloroethane	0.949	1.065	-12.2	78	0.00
33 S	1,2-Dichloroethane-d4	0.559	0.629	-12.5	74	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.298	0.328	-10.1	74	0.00
36 T	1,1-Dichloropropene	0.484	0.497	-2.7	74	0.00
37 T	Ethyl Acetate	0.216	0.223	-3.2	70	0.00
38 T	Carbon Tetrachloride	0.497	0.523	-5.2	74	0.00
39 T	Methylcyclohexane	0.651	0.638	2.0	70	0.00
40 TM	Benzene	1.431	1.581	-10.5	79	0.00
41 T	Methacrylonitrile	0.126	0.126	0.0	73	-0.01
42 TM	1,2-Dichloroethane	0.391	0.429	-9.7	79	0.00
43 T	Isopropyl Acetate	0.467	0.476	-1.9	72	0.00
44 TM	Trichloroethene	0.350	0.376	-7.4	76	0.00
45 C	1,2-Dichloropropane	0.338	0.379	-12.1#	80	0.00
46 T	Dibromomethane	0.190	0.212	-11.6	79	0.00
47 T	Bromodichloromethane	0.482	0.537	-11.4	79	0.00
48 T	Methyl methacrylate	0.219	0.231	-5.5	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	72	0.00
50 S	Toluene-d8	1.206	1.328	-10.1	75	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.251	-7.7	75	0.00
52 CM	Toluene	0.899	0.997	-10.9#	80	0.00
53 T	t-1,3-Dichloropropene	0.452	0.493	-9.1	77	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.569	-8.2	76	0.00
55 T	1,1,2-Trichloroethane	0.243	0.270	-11.1	81	0.00
56 T	Ethyl methacrylate	0.351	0.372	-6.0	74	0.00
57 T	1,3-Dichloropropane	0.430	0.478	-11.2	79	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.177	-11.3	80	0.00
59 T	2-Hexanone	0.156	0.164	-5.1	73	0.00
60 T	Dibromochloromethane	0.308	0.339	-10.1	78	0.00
61 T	1,2-Dibromoethane	0.221	0.246	-11.3	80	0.00
62 S	4-Bromofluorobenzene	0.359	0.389	-8.4	76	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
64 T	Tetrachloroethene	0.430	0.484	-12.6	82	0.00
65 PM	Chlorobenzene	1.106	1.207	-9.1	80	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.405	-8.6	79	0.00
67 C	Ethyl Benzene	2.052	2.205	-7.5#	78	0.00
68 T	m/p-Xylenes	0.778	0.845	-8.6	80	0.00
69 T	o-Xylene	0.729	0.782	-7.3	79	0.00
70 T	Styrene	1.206	1.326	-10.0	80	0.00
71 P	Bromoform	0.198	0.211	-6.6	78	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	4.105	4.235	-3.2	78	0.00
74 T	N-amyl acetate	1.036	1.025	1.1	73	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.686	-1.8	77	0.00
76 T	1,2,3-Trichloropropane	0.572	0.608	-6.3	74	0.00
77 T	Bromobenzene	0.866	0.929	-7.3	82	0.00
78 T	n-propylbenzene	5.014	5.167	-3.1	78	0.00
79 T	2-Chlorotoluene	2.657	2.768	-4.2	79	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.331	-3.4	78	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.228	3.8	75	0.00
82 T	4-Chlorotoluene	2.741	2.814	-2.7	78	0.00
83 T	tert-Butylbenzene	2.893	3.020	-4.4	80	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.384	-5.0	80	0.00
85 T	sec-Butylbenzene	4.430	4.554	-2.8	78	0.00
86 T	p-Isopropyltoluene	3.652	3.772	-3.3	79	0.00
87 T	1,3-Dichlorobenzene	1.755	1.877	-7.0	83	0.00
88 T	1,4-Dichlorobenzene	1.702	1.792	-5.3	81	0.00
89 T	n-Butylbenzene	3.464	3.578	-3.3	78	0.00
90 T	Hexachloroethane	0.711	0.743	-4.5	80	0.00
91 T	1,2-Dichlorobenzene	1.490	1.593	-6.9	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.105	-7.1	76	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.890	-9.5	83	0.00
94 T	Hexachlorobutadiene	0.449	0.471	-4.9	81	0.00
95 T	Naphthalene	1.560	1.739	-11.5	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.757	-8.6	83	0.00

(#) = Out of Range

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