

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022728.D
 Acq On : 18 Jun 2025 09:45
 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 19 03:56:00 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	65	0.00
2 T	Dichlorodifluoromethane	0.448	0.396	11.6	62	0.00
3 P	Chloromethane	1.322	1.169	11.6	61	0.00
4 C	Vinyl Chloride	1.534	1.646	-7.3#	71	0.00
5 T	Bromomethane	1.470	1.337	9.0	70	0.00
6 T	Chloroethane	1.053	1.207	-14.6	81	0.00
7 T	Trichlorofluoromethane	1.302	1.435	-10.2	76	0.00
8 T	Diethyl Ether	0.293	0.299	-2.0	66	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.581	-5.8	70	0.00
10 T	Methyl Iodide	0.594	0.622	-4.7	63	0.00
11 T	Tert butyl alcohol	0.040	0.039	2.5	64	0.00
12 CM	1,1-Dichloroethene	0.524	0.553	-5.5#	69	0.00
13 T	Acrolein	0.050	0.015	70.0#	20#	0.00
14 T	Allyl chloride	0.823	0.814	1.1	65	0.00
15 T	Acrylonitrile	0.124	0.133	-7.3	69	0.00
16 T	Acetone	0.114	0.114	0.0	64	0.00
17 T	Carbon Disulfide	1.679	1.621	3.5	63	0.00
18 T	Methyl Acetate	0.336	0.358	-6.5	70	0.00
19 T	Methyl tert-butyl Ether	1.477	1.531	-3.7	67	0.00
20 T	Methylene Chloride	0.645	0.651	-0.9	73	0.00
21 T	trans-1,2-Dichloroethene	0.587	0.618	-5.3	70	0.00
22 T	Diisopropyl ether	1.832	1.944	-6.1	69	0.00
23 T	Vinyl Acetate	1.084	1.112	-2.6	66	0.00
24 P	1,1-Dichloroethane	1.079	1.194	-10.7	73	0.00
25 T	2-Butanone	0.164	0.170	-3.7	66	0.00
26 T	2,2-Dichloropropane	0.954	1.021	-7.0	70	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.727	-7.2	69	0.00
28 T	Bromochloromethane	0.471	0.519	-10.2	74	0.00
29 T	Tetrahydrofuran	0.106	0.110	-3.8	68	0.00
30 C	Chloroform	1.069	1.198	-12.1#	73	0.00
31 T	Cyclohexane	1.075	1.004	6.6	64	0.00
32 T	1,1,1-Trichloroethane	0.949	1.043	-9.9	71	0.00
33 S	1,2-Dichloroethane-d4	0.559	0.601	-7.5	66	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	65	0.00
35 S	Dibromofluoromethane	0.298	0.331	-11.1	67	0.00
36 T	1,1-Dichloropropene	0.484	0.520	-7.4	69	0.00
37 T	Ethyl Acetate	0.216	0.237	-9.7	67	0.00
38 T	Carbon Tetrachloride	0.497	0.552	-11.1	70	0.00
39 T	Methylcyclohexane	0.651	0.664	-2.0	65	0.00
40 TM	Benzene	1.431	1.580	-10.4	71	0.00
41 T	Methacrylonitrile	0.126	0.133	-5.6	69	0.00
42 TM	1,2-Dichloroethane	0.391	0.432	-10.5	71	0.00
43 T	Isopropyl Acetate	0.467	0.481	-3.0	65	0.00
44 TM	Trichloroethene	0.350	0.387	-10.6	70	0.00
45 C	1,2-Dichloropropane	0.338	0.385	-13.9#	72	0.00
46 T	Dibromomethane	0.190	0.212	-11.6	71	0.00
47 T	Bromodichloromethane	0.482	0.556	-15.4	73	0.00
48 T	Methyl methacrylate	0.219	0.218	0.5	63	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	71	-0.01
50 S	Toluene-d8	1.206	1.306	-8.3	66	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.253	-8.6	67	0.00
52 CM	Toluene	0.899	0.994	-10.6#	71	0.00
53 T	t-1,3-Dichloropropene	0.452	0.488	-8.0	68	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.579	-10.1	70	0.00
55 T	1,1,2-Trichloroethane	0.243	0.272	-11.9	73	0.00
56 T	Ethyl methacrylate	0.351	0.376	-7.1	67	0.00
57 T	1,3-Dichloropropane	0.430	0.482	-12.1	71	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.186	-17.0	75	0.00
59 T	2-Hexanone	0.156	0.167	-7.1	67	0.00
60 T	Dibromochloromethane	0.308	0.347	-12.7	71	0.00
61 T	1,2-Dibromoethane	0.221	0.245	-10.9	71	0.00
62 S	4-Bromofluorobenzene	0.359	0.380	-5.8	66	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	65	0.00
64 T	Tetrachloroethene	0.430	0.542	-26.0#	81	0.00
65 PM	Chlorobenzene	1.106	1.219	-10.2	71	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.420	-12.6	72	0.00
67 C	Ethyl Benzene	2.052	2.267	-10.5#	71	0.00
68 T	m/p-Xylenes	0.778	0.861	-10.7	71	0.00
69 T	o-Xylene	0.729	0.802	-10.0	71	0.00
70 T	Styrene	1.206	1.345	-11.5	71	0.00
71 P	Bromoform	0.198	0.221	-11.6	72	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	66	0.00
73 T	Isopropylbenzene	4.105	4.433	-8.0	70	0.00
74 T	N-amyl acetate	1.036	1.068	-3.1	65	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.689	-2.2	66	0.00
76 T	1,2,3-Trichloropropane	0.572	0.565	1.2	59	0.00
77 T	Bromobenzene	0.866	0.942	-8.8	71	0.00
78 T	n-propylbenzene	5.014	5.484	-9.4	71	0.00
79 T	2-Chlorotoluene	2.657	2.839	-6.8	70	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.521	-9.2	71	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.242	-2.1	68	0.00
82 T	4-Chlorotoluene	2.741	2.949	-7.6	70	0.00
83 T	tert-Butylbenzene	2.893	3.128	-8.1	71	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.461	-7.4	71	0.00
85 T	sec-Butylbenzene	4.430	4.853	-9.5	71	0.00
86 T	p-Isopropyltoluene	3.652	4.053	-11.0	73	0.00
87 T	1,3-Dichlorobenzene	1.755	1.935	-10.3	73	0.00
88 T	1,4-Dichlorobenzene	1.702	1.847	-8.5	71	0.00
89 T	n-Butylbenzene	3.464	3.845	-11.0	71	0.00
90 T	Hexachloroethane	0.711	0.770	-8.3	71	0.00
91 T	1,2-Dichlorobenzene	1.490	1.664	-11.7	72	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.112	-14.3	70	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.870	-7.0	70	0.00
94 T	Hexachlorobutadiene	0.449	0.483	-7.6	71	0.00
95 T	Naphthalene	1.560	1.629	-4.4	66	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.741	-6.3	70	0.00

(#) = Out of Range

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