

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022740.D
 Acq On : 18 Jun 2025 16:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 19 04:02:14 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	62	0.00
2 T	Dichlorodifluoromethane	0.448	0.391	12.7	58	0.00
3 P	Chloromethane	1.322	1.293	2.2	65	0.00
4 C	Vinyl Chloride	1.534	1.853	-20.8#	76	0.00
5 T	Bromomethane	1.470	1.508	-2.6	75	0.00
6 T	Chloroethane	1.053	1.368	-29.9#	87	0.00
7 T	Trichlorofluoromethane	1.302	1.626	-24.9	82	-0.01
8 T	Diethyl Ether	0.293	0.321	-9.6	68	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.571	-4.0	65	0.00
10 T	Methyl Iodide	0.594	0.606	-2.0	58	0.00
11 T	Tert butyl alcohol	0.040	0.048	-20.0	75	-0.02
12 CM	1,1-Dichloroethene	0.524	0.551	-5.2#	65	0.00
13 T	Acrolein	0.050	0.016	68.0#	21#	0.00
14 T	Allyl chloride	0.823	0.833	-1.2	64	-0.01
15 T	Acrylonitrile	0.124	0.149	-20.2	73	0.00
16 T	Acetone	0.114	0.115	-0.9	61	0.00
17 T	Carbon Disulfide	1.679	1.603	4.5	59	0.00
18 T	Methyl Acetate	0.336	0.472	-40.5#	87	-0.01
19 T	Methyl tert-butyl Ether	1.477	1.661	-12.5	70	-0.01
20 T	Methylene Chloride	0.645	0.670	-3.9	72	-0.01
21 T	trans-1,2-Dichloroethene	0.587	0.630	-7.3	68	0.00
22 T	Diisopropyl ether	1.832	1.972	-7.6	67	0.00
23 T	Vinyl Acetate	1.084	1.135	-4.7	64	-0.01
24 P	1,1-Dichloroethane	1.079	1.217	-12.8	71	0.00
25 T	2-Butanone	0.164	0.189	-15.2	69	-0.01
26 T	2,2-Dichloropropane	0.954	0.977	-2.4	63	-0.01
27 T	cis-1,2-Dichloroethene	0.678	0.752	-10.9	68	0.00
28 T	Bromochloromethane	0.471	0.518	-10.0	70	-0.01
29 T	Tetrahydrofuran	0.106	0.122	-15.1	72	0.00
30 C	Chloroform	1.069	1.220	-14.1#	71	0.00
31 T	Cyclohexane	1.075	1.010	6.0	61	-0.01
32 T	1,1,1-Trichloroethane	0.949	1.056	-11.3	68	0.00
33 S	1,2-Dichloroethane-d4	0.559	0.624	-11.6	65	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	65	0.00
35 S	Dibromofluoromethane	0.298	0.332	-11.4	67	0.00
36 T	1,1-Dichloropropene	0.484	0.494	-2.1	65	0.00
37 T	Ethyl Acetate	0.216	0.234	-8.3	66	-0.01
38 T	Carbon Tetrachloride	0.497	0.523	-5.2	66	0.00
39 T	Methylcyclohexane	0.651	0.621	4.6	61	0.00
40 TM	Benzene	1.431	1.547	-8.1	69	0.00
41 T	Methacrylonitrile	0.126	0.144	-14.3	74	-0.02
42 TM	1,2-Dichloroethane	0.391	0.433	-10.7	72	-0.01
43 T	Isopropyl Acetate	0.467	0.505	-8.1	68	0.00
44 TM	Trichloroethene	0.350	0.375	-7.1	68	0.00
45 C	1,2-Dichloropropane	0.338	0.374	-10.7#	70	0.00
46 T	Dibromomethane	0.190	0.216	-13.7	72	0.00
47 T	Bromodichloromethane	0.482	0.548	-13.7	72	0.00
48 T	Methyl methacrylate	0.219	0.234	-6.8	68	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	80	-0.01
50 S	Toluene-d8	1.206	1.280	-6.1	65	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.268	-15.0	71	0.00
52 CM	Toluene	0.899	0.963	-7.1#	69	0.00
53 T	t-1,3-Dichloropropene	0.452	0.499	-10.4	70	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.573	-8.9	69	0.00
55 T	1,1,2-Trichloroethane	0.243	0.284	-16.9	76	0.00
56 T	Ethyl methacrylate	0.351	0.390	-11.1	69	0.00
57 T	1,3-Dichloropropane	0.430	0.485	-12.8	72	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.196	-23.3	79	0.00
59 T	2-Hexanone	0.156	0.181	-16.0	72	0.00
60 T	Dibromochloromethane	0.308	0.350	-13.6	72	0.00
61 T	1,2-Dibromoethane	0.221	0.255	-15.4	74	0.00
62 S	4-Bromofluorobenzene	0.359	0.377	-5.0	65	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	66	0.00
64 T	Tetrachloroethene	0.430	0.452	-5.1	68	0.00
65 PM	Chlorobenzene	1.106	1.169	-5.7	69	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.410	-9.9	71	0.00
67 C	Ethyl Benzene	2.052	2.149	-4.7#	68	0.00
68 T	m/p-Xylenes	0.778	0.820	-5.4	69	0.00
69 T	o-Xylene	0.729	0.769	-5.5	69	0.00
70 T	Styrene	1.206	1.310	-8.6	70	0.00
71 P	Bromoform	0.198	0.220	-11.1	72	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	70	0.00
73 T	Isopropylbenzene	4.105	4.077	0.7	69	0.00
74 T	N-amyl acetate	1.036	1.054	-1.7	68	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.749	-11.1	76	0.00
76 T	1,2,3-Trichloropropane	0.572	0.577	-0.9	64	0.00
77 T	Bromobenzene	0.866	0.902	-4.2	72	0.00
78 T	n-propylbenzene	5.014	4.996	0.4	69	0.00
79 T	2-Chlorotoluene	2.657	2.663	-0.2	69	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.272	-1.5	70	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.228	3.8	68	0.00
82 T	4-Chlorotoluene	2.741	2.760	-0.7	69	0.00
83 T	tert-Butylbenzene	2.893	2.954	-2.1	71	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.253	-0.9	70	0.00
85 T	sec-Butylbenzene	4.430	4.539	-2.5	71	0.00
86 T	p-Isopropyltoluene	3.652	3.748	-2.6	71	0.00
87 T	1,3-Dichlorobenzene	1.755	1.839	-4.8	74	0.00
88 T	1,4-Dichlorobenzene	1.702	1.775	-4.3	73	0.00
89 T	n-Butylbenzene	3.464	3.547	-2.4	70	0.00
90 T	Hexachloroethane	0.711	0.743	-4.5	72	0.00
91 T	1,2-Dichlorobenzene	1.490	1.559	-4.6	72	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.118	-20.4	78	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.887	-9.1	75	0.00
94 T	Hexachlorobutadiene	0.449	0.486	-8.2	76	0.00
95 T	Naphthalene	1.560	1.872	-20.0	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.786	-12.8	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6