

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
 Data File : VY022742.D
 Acq On : 19 Jun 2025 09:10
 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 20 02:52:59 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	66	0.00
2 T	Dichlorodifluoromethane	0.448	0.401	10.5	64	0.00
3 P	Chloromethane	1.322	1.057	20.0	57	0.00
4 C	Vinyl Chloride	1.534	1.440	6.1#	64	0.00
5 T	Bromomethane	1.470	1.180	19.7	63	0.00
6 T	Chloroethane	1.053	1.070	-1.6	73	0.00
7 T	Trichlorofluoromethane	1.302	1.323	-1.6	71	0.00
8 T	Diethyl Ether	0.293	0.305	-4.1	69	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.585	-6.6	72	0.00
10 T	Methyl Iodide	0.594	0.650	-9.4	67	0.00
11 T	Tert butyl alcohol	0.040	0.037	7.5	63	-0.02
12 CM	1,1-Dichloroethene	0.524	0.548	-4.6#	70	0.00
13 T	Acrolein	0.050	0.014	72.0#	19#	0.00
14 T	Allyl chloride	0.823	0.848	-3.0	69	0.00
15 T	Acrylonitrile	0.124	0.132	-6.5	69	-0.01
16 T	Acetone	0.114	0.127	-11.4	73	0.00
17 T	Carbon Disulfide	1.679	1.619	3.6	64	0.00
18 T	Methyl Acetate	0.336	0.395	-17.6	78	0.00
19 T	Methyl tert-butyl Ether	1.477	1.571	-6.4	71	-0.01
20 T	Methylene Chloride	0.645	0.661	-2.5	76	0.00
21 T	trans-1,2-Dichloroethene	0.587	0.630	-7.3	73	0.00
22 T	Diisopropyl ether	1.832	1.974	-7.8	72	0.00
23 T	Vinyl Acetate	1.084	1.098	-1.3	67	0.00
24 P	1,1-Dichloroethane	1.079	1.227	-13.7	76	0.00
25 T	2-Butanone	0.164	0.173	-5.5	68	0.00
26 T	2,2-Dichloropropane	0.954	1.079	-13.1	75	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.751	-10.8	73	0.00
28 T	Bromochloromethane	0.471	0.506	-7.4	74	0.00
29 T	Tetrahydrofuran	0.106	0.108	-1.9	68	0.00
30 C	Chloroform	1.069	1.227	-14.8#	77	0.00
31 T	Cyclohexane	1.075	1.012	5.9	66	0.00
32 T	1,1,1-Trichloroethane	0.949	1.074	-13.2	75	0.00
33 S	1,2-Dichloroethane-d4	0.559	0.594	-6.3	66	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
35 S	Dibromofluoromethane	0.298	0.323	-8.4	66	0.00
36 T	1,1-Dichloropropene	0.484	0.524	-8.3	71	0.00
37 T	Ethyl Acetate	0.216	0.223	-3.2	64	0.00
38 T	Carbon Tetrachloride	0.497	0.557	-12.1	72	0.00
39 T	Methylcyclohexane	0.651	0.656	-0.8	66	0.00
40 TM	Benzene	1.431	1.613	-12.7	74	0.00
41 T	Methacrylonitrile	0.126	0.125	0.8	66	-0.01
42 TM	1,2-Dichloroethane	0.391	0.438	-12.0	74	0.00
43 T	Isopropyl Acetate	0.467	0.473	-1.3	65	0.00
44 TM	Trichloroethene	0.350	0.387	-10.6	72	0.00
45 C	1,2-Dichloropropane	0.338	0.389	-15.1#	75	0.00
46 T	Dibromomethane	0.190	0.209	-10.0	72	0.00
47 T	Bromodichloromethane	0.482	0.562	-16.6	76	0.00
48 T	Methyl methacrylate	0.219	0.226	-3.2	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	69	-0.01
50 S	Toluene-d8	1.206	1.284	-6.5	66	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.248	-6.4	68	0.00
52 CM	Toluene	0.899	1.000	-11.2#	73	0.00
53 T	t-1,3-Dichloropropene	0.452	0.497	-10.0	71	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.594	-12.9	73	0.00
55 T	1,1,2-Trichloroethane	0.243	0.277	-14.0	76	0.00
56 T	Ethyl methacrylate	0.351	0.370	-5.4	67	0.00
57 T	1,3-Dichloropropane	0.430	0.490	-14.0	74	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.183	-15.1	76	0.00
59 T	2-Hexanone	0.156	0.163	-4.5	67	0.00
60 T	Dibromochloromethane	0.308	0.351	-14.0	74	0.00
61 T	1,2-Dibromoethane	0.221	0.246	-11.3	73	0.00
62 S	4-Bromofluorobenzene	0.359	0.367	-2.2	65	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	67	0.00
64 T	Tetrachloroethene	0.430	0.506	-17.7	77	0.00
65 PM	Chlorobenzene	1.106	1.236	-11.8	74	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.423	-13.4	75	0.00
67 C	Ethyl Benzene	2.052	2.275	-10.9#	73	0.00
68 T	m/p-Xylenes	0.778	0.866	-11.3	74	0.00
69 T	o-Xylene	0.729	0.806	-10.6	73	0.00
70 T	Styrene	1.206	1.353	-12.2	73	0.00
71 P	Bromoform	0.198	0.220	-11.1	73	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	66	0.00
73 T	Isopropylbenzene	4.105	4.525	-10.2	73	0.00
74 T	N-amyl acetate	1.036	1.022	1.4	63	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.725	-7.6	71	0.00
76 T	1,2,3-Trichloropropane	0.572	0.533	6.8	56	0.00
77 T	Bromobenzene	0.866	0.955	-10.3	73	0.00
78 T	n-propylbenzene	5.014	5.525	-10.2	72	0.00
79 T	2-Chlorotoluene	2.657	2.936	-10.5	73	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.526	-9.4	72	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.235	0.8	67	0.00
82 T	4-Chlorotoluene	2.741	2.988	-9.0	72	0.00
83 T	tert-Butylbenzene	2.893	3.217	-11.2	74	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.540	-9.8	73	0.00
85 T	sec-Butylbenzene	4.430	4.847	-9.4	72	0.00
86 T	p-Isopropyltoluene	3.652	3.999	-9.5	73	0.00
87 T	1,3-Dichlorobenzene	1.755	1.968	-12.1	75	0.00
88 T	1,4-Dichlorobenzene	1.702	1.883	-10.6	74	0.00
89 T	n-Butylbenzene	3.464	3.825	-10.4	72	0.00
90 T	Hexachloroethane	0.711	0.793	-11.5	74	0.00
91 T	1,2-Dichlorobenzene	1.490	1.622	-8.9	71	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.102	-4.1	65	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.892	-9.7	73	0.00
94 T	Hexachlorobutadiene	0.449	0.489	-8.9	73	0.00
95 T	Naphthalene	1.560	1.626	-4.2	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.738	-5.9	70	0.00

(#) = Out of Range

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