

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
 Data File : VY022872.D
 Acq On : 30 Jun 2025 11:03
 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: Jul 01 03:33:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 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	97	0.00
2 T	Dichlorodifluoromethane	0.428	0.394	7.9	90	0.00
3 P	Chloromethane	0.816	0.771	5.5	94	0.00
4 C	Vinyl Chloride	1.020	0.967	5.2#	89	0.00
5 T	Bromomethane	0.802	0.735	8.4	92	0.00
6 T	Chloroethane	0.686	0.666	2.9	93	0.00
7 T	Trichlorofluoromethane	1.129	1.080	4.3	90	0.00
8 T	Diethyl Ether	0.279	0.306	-9.7	104	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.554	-7.4	104	0.00
10 T	Methyl Iodide	0.562	0.684	-21.7	106	0.00
11 T	Tert butyl alcohol	0.037	0.034	8.1	85	-0.02
12 CM	1,1-Dichloroethene	0.506	0.562	-11.1#	106	-0.01
13 T	Acrolein	0.050	0.058	-16.0	114	0.00
14 T	Allyl chloride	0.778	0.921	-18.4	112	0.00
15 T	Acrylonitrile	0.116	0.125	-7.8	100	-0.01
16 T	Acetone	0.105	0.124	-18.1	125	-0.01
17 T	Carbon Disulfide	1.635	1.820	-11.3	106	0.00
18 T	Methyl Acetate	0.349	0.300	14.0	83	-0.01
19 T	Methyl tert-butyl Ether	1.378	1.494	-8.4	101	-0.01
20 T	Methylene Chloride	0.666	0.725	-8.9	119	-0.01
21 T	trans-1,2-Dichloroethene	0.578	0.648	-12.1	106	-0.01
22 T	Diisopropyl ether	1.729	2.030	-17.4	110	0.00
23 T	Vinyl Acetate	0.955	1.115	-16.8	107	-0.01
24 P	1,1-Dichloroethane	1.044	1.203	-15.2	108	0.00
25 T	2-Butanone	0.154	0.166	-7.8	105	-0.01
26 T	2,2-Dichloropropane	0.875	1.031	-17.8	113	0.00
27 T	cis-1,2-Dichloroethene	0.672	0.765	-13.8	108	-0.01
28 T	Bromochloromethane	0.439	0.448	-2.1	94	0.00
29 T	Tetrahydrofuran	0.097	0.099	-2.1	94	0.00
30 C	Chloroform	1.076	1.198	-11.3#	106	0.00
31 T	Cyclohexane	0.959	1.049	-9.4	107	0.00
32 T	1,1,1-Trichloroethane	0.929	1.028	-10.7	105	0.00
33 S	1,2-Dichloroethane-d4	0.558	0.541	3.0	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.304	0.310	-2.0	98	0.00
36 T	1,1-Dichloropropene	0.461	0.525	-13.9	107	0.00
37 T	Ethyl Acetate	0.199	0.210	-5.5	98	-0.01
38 T	Carbon Tetrachloride	0.486	0.536	-10.3	105	0.00
39 T	Methylcyclohexane	0.596	0.679	-13.9	105	0.00
40 TM	Benzene	1.417	1.617	-14.1	106	0.00
41 T	Methacrylonitrile	0.122	0.133	-9.0	107	-0.01
42 TM	1,2-Dichloroethane	0.388	0.429	-10.6	103	0.00
43 T	Isopropyl Acetate	0.413	0.435	-5.3	96	0.00
44 TM	Trichloroethene	0.356	0.404	-13.5	104	0.00
45 C	1,2-Dichloropropane	0.332	0.380	-14.5#	108	0.00
46 T	Dibromomethane	0.188	0.202	-7.4	101	0.00
47 T	Bromodichloromethane	0.485	0.546	-12.6	105	0.00
48 T	Methyl methacrylate	0.199	0.214	-7.5	96	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	1.207	1.238	-2.6	98	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.221	-5.2	94	0.00
52 CM	Toluene	0.894	1.029	-15.1#	107	0.00
53 T	t-1,3-Dichloropropene	0.437	0.496	-13.5	105	0.00
54 T	cis-1,3-Dichloropropene	0.506	0.585	-15.6	107	0.00
55 T	1,1,2-Trichloroethane	0.244	0.262	-7.4	100	0.00
56 T	Ethyl methacrylate	0.328	0.357	-8.8	97	0.00
57 T	1,3-Dichloropropane	0.425	0.466	-9.6	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.155	-6.9	88	0.00
59 T	2-Hexanone	0.143	0.150	-4.9	95	0.00
60 T	Dibromochloromethane	0.315	0.338	-7.3	99	0.00
61 T	1,2-Dibromoethane	0.228	0.244	-7.0	99	0.00
62 S	4-Bromofluorobenzene	0.388	0.386	0.5	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.472	0.539	-14.2	100	0.00
65 PM	Chlorobenzene	1.099	1.262	-14.8	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.417	-12.1	103	0.00
67 C	Ethyl Benzene	1.930	2.279	-18.1#	107	0.00
68 T	m/p-Xylenes	0.746	0.876	-17.4	107	0.00
69 T	o-Xylene	0.703	0.826	-17.5	107	0.00
70 T	Styrene	1.178	1.368	-16.1	105	0.00
71 P	Bromoform	0.207	0.217	-4.8	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.698	4.437	-20.0	107	0.00
74 T	N-amyl acetate	0.830	0.935	-12.7	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.596	0.623	-4.5	100	0.00
76 T	1,2,3-Trichloropropane	0.510	0.501	1.8	89	0.00
77 T	Bromobenzene	0.838	0.961	-14.7	102	0.00
78 T	n-propylbenzene	4.465	5.367	-20.2	107	0.00
79 T	2-Chlorotoluene	2.522	3.018	-19.7	106	0.00
80 T	1,3,5-Trimethylbenzene	2.985	3.583	-20.0	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.202	0.222	-9.9	101	0.00
82 T	4-Chlorotoluene	2.650	3.127	-18.0	105	0.00
83 T	tert-Butylbenzene	2.633	3.180	-20.8	106	0.00
84 T	1,2,4-Trimethylbenzene	2.989	3.581	-19.8	105	0.00
85 T	sec-Butylbenzene	3.961	4.745	-19.8	105	0.00
86 T	p-Isopropyltoluene	3.296	3.962	-20.2	105	0.00
87 T	1,3-Dichlorobenzene	1.683	1.949	-15.8	104	0.00
88 T	1,4-Dichlorobenzene	1.672	1.902	-13.8	102	0.00
89 T	n-Butylbenzene	3.101	3.703	-19.4	105	0.00
90 T	Hexachloroethane	0.657	0.766	-16.6	103	0.00
91 T	1,2-Dichlorobenzene	1.483	1.663	-12.1	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.098	3.0	86	0.00
93 T	1,2,4-Trichlorobenzene	0.838	0.907	-8.2	98	0.00
94 T	Hexachlorobutadiene	0.474	0.499	-5.3	98	0.00
95 T	Naphthalene	1.515	1.529	-0.9	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.733	-1.2	91	0.00

(#) = Out of Range

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