

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
 Data File : VY022182.D
 Acq On : 07 May 2025 09:05
 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: May 08 01:40:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 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	0.426	0.360	15.5	60	0.00
3 P	Chloromethane	0.607	0.660	-8.7	72	0.00
4 C	Vinyl Chloride	0.745	0.806	-8.2#	72	0.00
5 T	Bromomethane	0.642	0.627	2.3	69	0.00
6 T	Chloroethane	0.508	0.551	-8.5	73	0.00
7 T	Trichlorofluoromethane	0.983	0.968	1.5	66	0.00
8 T	Diethyl Ether	0.256	0.239	6.6	63	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.533	0.523	1.9	70	0.00
10 T	Methyl Iodide	0.617	0.610	1.1	64	0.00
11 T	Tert butyl alcohol	0.025	0.022	12.0	56	0.00
12 CM	1,1-Dichloroethene	0.497	0.478	3.8#	66	0.00
13 T	Acrolein	0.046	0.016	65.2#	25#	0.00
14 T	Allyl chloride	0.579	0.594	-2.6	70	0.00
15 T	Acrylonitrile	0.094	0.094	0.0	66	0.00
16 T	Acetone	0.070	0.073	-4.3	76	0.00
17 T	Carbon Disulfide	1.585	1.494	5.7	66	0.00
18 T	Methyl Acetate	0.216	0.232	-7.4	68	0.00
19 T	Methyl tert-butyl Ether	1.113	1.092	1.9	63	0.00
20 T	Methylene Chloride	0.584	0.575	1.5	71	0.00
21 T	trans-1,2-Dichloroethene	0.557	0.551	1.1	68	0.00
22 T	Diisopropyl ether	1.288	1.459	-13.3	74	0.00
23 T	Vinyl Acetate	0.694	0.752	-8.4	69	0.00
24 P	1,1-Dichloroethane	0.893	0.945	-5.8	73	0.00
25 T	2-Butanone	0.105	0.110	-4.8	68	0.00
26 T	2,2-Dichloropropane	0.782	0.839	-7.3	74	0.00
27 T	cis-1,2-Dichloroethene	0.622	0.637	-2.4	68	0.00
28 T	Bromochloromethane	0.347	0.383	-10.4	73	0.00
29 T	Tetrahydrofuran	0.068	0.073	-7.4	65	0.00
30 C	Chloroform	0.990	1.064	-7.5#	73	0.00
31 T	Cyclohexane	0.763	0.771	-1.0	71	0.00
32 T	1,1,1-Trichloroethane	0.896	0.936	-4.5	72	0.00
33 S	1,2-Dichloroethane-d4	0.462	0.503	-8.9	71	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	62	0.00
35 S	Dibromofluoromethane	0.330	0.361	-9.4	68	0.00
36 T	1,1-Dichloropropene	0.444	0.497	-11.9	73	0.00
37 T	Ethyl Acetate	0.159	0.179	-12.6	69	0.00
38 T	Carbon Tetrachloride	0.530	0.585	-10.4	72	0.00
39 T	Methylcyclohexane	0.558	0.602	-7.9	68	0.00
40 TM	Benzene	1.387	1.567	-13.0	73	0.00
41 T	Methacrylonitrile	0.087	0.084	3.4	57	0.00
42 TM	1,2-Dichloroethane	0.343	0.397	-15.7	74	0.00
43 T	Isopropyl Acetate	0.306	0.334	-9.2	67	0.00
44 TM	Trichloroethene	0.384	0.401	-4.4	68	0.00
45 C	1,2-Dichloropropane	0.307	0.357	-16.3#	74	0.00
46 T	Dibromomethane	0.192	0.217	-13.0	72	0.00
47 T	Bromodichloromethane	0.480	0.549	-14.4	73	0.00
48 T	Methyl methacrylate	0.141	0.159	-12.8	66	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	65	0.00
50 S	Toluene-d8	1.245	1.434	-15.2	70	0.00
51 T	4-Methyl-2-Pentanone	0.160	0.188	-17.5	68	0.00
52 CM	Toluene	0.898	1.045	-16.4#	73	0.00
53 T	t-1,3-Dichloropropene	0.411	0.465	-13.1	69	0.00
54 T	cis-1,3-Dichloropropene	0.489	0.561	-14.7	72	0.00
55 T	1,1,2-Trichloroethane	0.256	0.290	-13.3	71	0.00
56 T	Ethyl methacrylate	0.293	0.333	-13.7	66	0.00
57 T	1,3-Dichloropropane	0.411	0.468	-13.9	71	0.00
58 T	2-Chloroethyl Vinyl ether	0.143	0.164	-14.7	64	0.00
59 T	2-Hexanone	0.106	0.126	-18.9	69	0.00
60 T	Dibromochloromethane	0.355	0.399	-12.4	70	0.00
61 T	1,2-Dibromoethane	0.242	0.273	-12.8	70	0.00
62 S	4-Bromofluorobenzene	0.419	0.496	-18.4	73	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	65	0.00
64 T	Tetrachloroethene	0.472	0.498	-5.5	72	0.00
65 PM	Chlorobenzene	1.118	1.207	-8.0	73	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.430	-9.1	73	0.00
67 C	Ethyl Benzene	1.829	2.033	-11.2#	72	0.00
68 T	m/p-Xylenes	0.728	0.817	-12.2	73	0.00
69 T	o-Xylene	0.671	0.750	-11.8	71	0.00
70 T	Styrene	1.126	1.318	-17.1	74	0.00
71 P	Bromoform	0.229	0.245	-7.0	70	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	68	0.00
73 T	Isopropylbenzene	3.341	3.569	-6.8	73	0.00
74 T	N-amyl acetate	0.574	0.581	-1.2	67	0.00
75 P	1,1,2,2-Tetrachloroethane	0.563	0.577	-2.5	72	0.00
76 T	1,2,3-Trichloropropane	0.428	0.377	11.9	63	0.00
77 T	Bromobenzene	0.844	0.874	-3.6	72	0.00
78 T	n-propylbenzene	3.978	4.406	-10.8	76	0.00
79 T	2-Chlorotoluene	2.314	2.501	-8.1	75	0.00
80 T	1,3,5-Trimethylbenzene	2.752	3.045	-10.6	74	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.181	-1.7	70	0.00
82 T	4-Chlorotoluene	2.405	2.658	-10.5	76	0.00
83 T	tert-Butylbenzene	2.468	2.628	-6.5	72	0.00
84 T	1,2,4-Trimethylbenzene	2.753	3.034	-10.2	74	0.00
85 T	sec-Butylbenzene	3.612	3.940	-9.1	75	0.00
86 T	p-Isopropyltoluene	3.067	3.373	-10.0	74	0.00
87 T	1,3-Dichlorobenzene	1.714	1.808	-5.5	75	0.00
88 T	1,4-Dichlorobenzene	1.698	1.769	-4.2	75	0.00
89 T	n-Butylbenzene	2.742	3.005	-9.6	75	0.00
90 T	Hexachloroethane	0.674	0.719	-6.7	77	0.00
91 T	1,2-Dichlorobenzene	1.495	1.590	-6.4	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.090	0.091	-1.1	74	0.00
93 T	1,2,4-Trichlorobenzene	0.847	0.866	-2.2	72	0.00
94 T	Hexachlorobutadiene	0.521	0.532	-2.1	76	0.00
95 T	Naphthalene	1.408	1.383	1.8	66	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.744	-1.8	72	0.00

(#) = Out of Range

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