

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
 Data File : VY022197.D
 Acq On : 07 May 2025 16:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 08 01:43:44 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	59	0.00
2 T	Dichlorodifluoromethane	0.426	0.357	16.2	54	0.00
3 P	Chloromethane	0.607	0.713	-17.5	70	0.00
4 C	Vinyl Chloride	0.745	0.860	-15.4#	69	0.00
5 T	Bromomethane	0.642	0.709	-10.4	70	0.00
6 T	Chloroethane	0.508	0.584	-15.0	70	0.00
7 T	Trichlorofluoromethane	0.983	0.983	0.0	60	0.00
8 T	Diethyl Ether	0.256	0.252	1.6	60	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.533	0.518	2.8	62	0.00
10 T	Methyl Iodide	0.617	0.671	-8.8	63	0.00
11 T	Tert butyl alcohol	0.025	0.026	-4.0	58	0.00
12 CM	1,1-Dichloroethene	0.497	0.490	1.4#	61	0.00
13 T	Acrolein	0.046	0.017	63.0#	23#	0.00
14 T	Allyl chloride	0.579	0.634	-9.5	67	0.00
15 T	Acrylonitrile	0.094	0.103	-9.6	65	0.00
16 T	Acetone	0.070	0.067	4.3	63	0.00
17 T	Carbon Disulfide	1.585	1.562	1.5	62	0.00
18 T	Methyl Acetate	0.216	0.319	-47.7#	84	0.00
19 T	Methyl tert-butyl Ether	1.113	1.191	-7.0	62	0.00
20 T	Methylene Chloride	0.584	0.593	-1.5	65	0.00
21 T	trans-1,2-Dichloroethene	0.557	0.593	-6.5	66	0.00
22 T	Diisopropyl ether	1.288	1.520	-18.0	69	0.00
23 T	Vinyl Acetate	0.694	0.765	-10.2	63	0.00
24 P	1,1-Dichloroethane	0.893	1.007	-12.8	70	0.00
25 T	2-Butanone	0.105	0.115	-9.5	64	0.00
26 T	2,2-Dichloropropane	0.782	0.840	-7.4	67	0.00
27 T	cis-1,2-Dichloroethene	0.622	0.681	-9.5	66	0.00
28 T	Bromochloromethane	0.347	0.420	-21.0	72	0.00
29 T	Tetrahydrofuran	0.068	0.079	-16.2	64	0.00
30 C	Chloroform	0.990	1.124	-13.5#	69	0.00
31 T	Cyclohexane	0.763	0.767	-0.5	64	0.00
32 T	1,1,1-Trichloroethane	0.896	0.972	-8.5	67	0.00
33 S	1,2-Dichloroethane-d4	0.462	0.524	-13.4	66	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	60	0.00
35 S	Dibromofluoromethane	0.330	0.357	-8.2	65	0.00
36 T	1,1-Dichloropropene	0.444	0.478	-7.7	67	0.00
37 T	Ethyl Acetate	0.159	0.175	-10.1	65	0.00
38 T	Carbon Tetrachloride	0.530	0.556	-4.9	66	0.00
39 T	Methylcyclohexane	0.558	0.560	-0.4	61	0.00
40 TM	Benzene	1.387	1.562	-12.6	70	0.00
41 T	Methacrylonitrile	0.087	0.103	-18.4	67	-0.01
42 TM	1,2-Dichloroethane	0.343	0.390	-13.7	70	0.00
43 T	Isopropyl Acetate	0.306	0.336	-9.8	65	0.00
44 TM	Trichloroethene	0.384	0.406	-5.7	66	0.00
45 C	1,2-Dichloropropane	0.307	0.356	-16.0#	71	0.00
46 T	Dibromomethane	0.192	0.212	-10.4	68	0.00
47 T	Bromodichloromethane	0.480	0.544	-13.3	69	0.00
48 T	Methyl methacrylate	0.141	0.167	-18.4	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	66	0.00
50 S	Toluene-d8	1.245	1.404	-12.8	66	0.00
51 T	4-Methyl-2-Pentanone	0.160	0.191	-19.4	67	0.00
52 CM	Toluene	0.898	1.028	-14.5#	69	0.00
53 T	t-1,3-Dichloropropene	0.411	0.461	-12.2	66	0.00
54 T	cis-1,3-Dichloropropene	0.489	0.543	-11.0	67	0.00
55 T	1,1,2-Trichloroethane	0.256	0.294	-14.8	69	0.00
56 T	Ethyl methacrylate	0.293	0.334	-14.0	63	0.00
57 T	1,3-Dichloropropane	0.411	0.465	-13.1	68	0.00
58 T	2-Chloroethyl Vinyl ether	0.143	0.165	-15.4	62	0.00
59 T	2-Hexanone	0.106	0.126	-18.9	66	0.00
60 T	Dibromochloromethane	0.355	0.399	-12.4	68	0.00
61 T	1,2-Dibromoethane	0.242	0.272	-12.4	68	0.00
62 S	4-Bromofluorobenzene	0.419	0.484	-15.5	68	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	62	0.00
64 T	Tetrachloroethene	0.472	0.488	-3.4	66	0.00
65 PM	Chlorobenzene	1.118	1.195	-6.9	68	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.427	-8.4	68	0.00
67 C	Ethyl Benzene	1.829	2.049	-12.0#	69	0.00
68 T	m/p-Xylenes	0.728	0.825	-13.3	69	0.00
69 T	o-Xylene	0.671	0.747	-11.3	67	0.00
70 T	Styrene	1.126	1.292	-14.7	68	0.00
71 P	Bromoform	0.229	0.243	-6.1	65	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	65	0.00
73 T	Isopropylbenzene	3.341	3.536	-5.8	69	0.00
74 T	N-amyl acetate	0.574	0.592	-3.1	65	0.00
75 P	1,1,2,2-Tetrachloroethane	0.563	0.588	-4.4	70	0.00
76 T	1,2,3-Trichloropropane	0.428	0.431	-0.7	69	0.00
77 T	Bromobenzene	0.844	0.868	-2.8	68	0.00
78 T	n-propylbenzene	3.978	4.248	-6.8	69	0.00
79 T	2-Chlorotoluene	2.314	2.465	-6.5	70	0.00
80 T	1,3,5-Trimethylbenzene	2.752	2.944	-7.0	68	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.176	1.1	65	0.00
82 T	4-Chlorotoluene	2.405	2.557	-6.3	70	0.00
83 T	tert-Butylbenzene	2.468	2.632	-6.6	69	0.00
84 T	1,2,4-Trimethylbenzene	2.753	2.969	-7.8	69	0.00
85 T	sec-Butylbenzene	3.612	3.856	-6.8	70	0.00
86 T	p-Isopropyltoluene	3.067	3.244	-5.8	68	0.00
87 T	1,3-Dichlorobenzene	1.714	1.745	-1.8	69	0.00
88 T	1,4-Dichlorobenzene	1.698	1.714	-0.9	69	0.00
89 T	n-Butylbenzene	2.742	2.875	-4.9	68	0.00
90 T	Hexachloroethane	0.674	0.717	-6.4	73	0.00
91 T	1,2-Dichlorobenzene	1.495	1.549	-3.6	69	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.090	0.089	1.1	69	0.00
93 T	1,2,4-Trichlorobenzene	0.847	0.827	2.4	65	0.00
94 T	Hexachlorobutadiene	0.521	0.505	3.1	68	0.00
95 T	Naphthalene	1.408	1.426	-1.3	64	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.727	0.5	67	0.00

(#) = Out of Range

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