

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022301.D
 Acq On : 16 May 2025 19:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 17 01:40:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	63	0.00
2 T	Dichlorodifluoromethane	0.522	0.483	7.5	60	0.00
3 P	Chloromethane	1.097	1.147	-4.6	70	0.00
4 C	Vinyl Chloride	1.226	1.544	-25.9#	81	0.00
5 T	Bromomethane	0.998	1.277	-28.0#	92	0.00
6 T	Chloroethane	0.763	1.076	-41.0#	90	0.00
7 T	Trichlorofluoromethane	1.241	1.357	-9.3	71	0.00
8 T	Diethyl Ether	0.298	0.340	-14.1	73	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.542	-0.6	64	0.00
10 T	Methyl Iodide	0.624	0.734	-17.6	68	0.00
11 T	Tert butyl alcohol	0.042	0.049	-16.7	80	0.00
12 CM	1,1-Dichloroethene	0.535	0.568	-6.2#	67	0.00
13 T	Acrolein	0.061	0.054	11.5	61	0.00
14 T	Allyl chloride	0.938	0.945	-0.7	62	0.00
15 T	Acrylonitrile	0.123	0.144	-17.1	76	0.00
16 T	Acetone	0.102	0.107	-4.9	73	0.00
17 T	Carbon Disulfide	1.744	1.831	-5.0	66	0.00
18 T	Methyl Acetate	0.323	0.466	-44.3#	98	0.00
19 T	Methyl tert-butyl Ether	1.475	1.709	-15.9	74	0.00
20 T	Methylene Chloride	0.662	0.663	-0.2	70	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.634	-7.5	68	0.00
22 T	Diisopropyl ether	1.980	2.110	-6.6	67	0.00
23 T	Vinyl Acetate	1.196	1.209	-1.1	65	0.00
24 P	1,1-Dichloroethane	1.106	1.195	-8.0	68	0.00
25 T	2-Butanone	0.171	0.188	-9.9	74	0.00
26 T	2,2-Dichloropropane	0.984	0.912	7.3	59	0.00
27 T	cis-1,2-Dichloroethene	0.681	0.762	-11.9	70	0.00
28 T	Bromochloromethane	0.472	0.517	-9.5	69	0.00
29 T	Tetrahydrofuran	0.110	0.128	-16.4	76	0.00
30 C	Chloroform	1.061	1.195	-12.6#	70	0.00
31 T	Cyclohexane	1.105	1.013	8.3	61	0.00
32 T	1,1,1-Trichloroethane	0.974	1.018	-4.5	67	0.00
33 S	1,2-Dichloroethane-d4	0.546	0.621	-13.7	73	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
35 S	Dibromofluoromethane	0.298	0.318	-6.7	72	0.00
36 T	1,1-Dichloropropene	0.492	0.477	3.0	65	0.00
37 T	Ethyl Acetate	0.237	0.238	-0.4	70	0.00
38 T	Carbon Tetrachloride	0.509	0.491	3.5	65	0.00
39 T	Methylcyclohexane	0.660	0.597	9.5	61	0.00
40 TM	Benzene	1.457	1.513	-3.8	69	0.00
41 T	Methacrylonitrile	0.157	0.132	15.9	57	0.00
42 TM	1,2-Dichloroethane	0.394	0.420	-6.6	72	0.00
43 T	Isopropyl Acetate	0.516	0.534	-3.5	71	0.00
44 TM	Trichloroethene	0.362	0.367	-1.4	68	0.00
45 C	1,2-Dichloropropane	0.351	0.361	-2.8#	69	0.00
46 T	Dibromomethane	0.189	0.204	-7.9	74	0.00
47 T	Bromodichloromethane	0.492	0.517	-5.1	70	0.00
48 T	Methyl methacrylate	0.241	0.250	-3.7	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	80	0.00
50 S	Toluene-d8	1.222	1.278	-4.6	71	0.00
51 T	4-Methyl-2-Pentanone	0.253	0.274	-8.3	74	0.00
52 CM	Toluene	0.923	0.944	-2.3#	69	0.00
53 T	t-1,3-Dichloropropene	0.480	0.488	-1.7	69	0.00
54 T	cis-1,3-Dichloropropene	0.550	0.562	-2.2	69	0.00
55 T	1,1,2-Trichloroethane	0.243	0.259	-6.6	73	0.00
56 T	Ethyl methacrylate	0.378	0.400	-5.8	72	0.00
57 T	1,3-Dichloropropane	0.431	0.460	-6.7	72	0.00
58 T	2-Chloroethyl Vinyl ether	0.170	0.200	-17.6	75	0.00
59 T	2-Hexanone	0.170	0.180	-5.9	74	0.00
60 T	Dibromochloromethane	0.315	0.336	-6.7	71	0.00
61 T	1,2-Dibromoethane	0.226	0.245	-8.4	74	0.00
62 S	4-Bromofluorobenzene	0.387	0.394	-1.8	70	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	70	0.00
64 T	Tetrachloroethene	0.462	0.445	3.7	65	0.00
65 PM	Chlorobenzene	1.128	1.135	-0.6	68	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.392	-1.0	69	0.00
67 C	Ethyl Benzene	2.113	2.099	0.7#	67	0.00
68 T	m/p-Xylenes	0.796	0.792	0.5	67	0.00
69 T	o-Xylene	0.753	0.763	-1.3	69	0.00
70 T	Styrene	1.270	1.302	-2.5	70	0.00
71 P	Bromoform	0.209	0.221	-5.7	74	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	69	0.00
73 T	Isopropylbenzene	4.142	4.079	1.5	67	0.00
74 T	N-amyl acetate	1.185	1.168	1.4	69	0.00
75 P	1,1,2,2-Tetrachloroethane	0.637	0.693	-8.8	76	0.00
76 T	1,2,3-Trichloropropane	0.507	0.501	1.2	69	0.00
77 T	Bromobenzene	0.885	0.901	-1.8	69	0.00
78 T	n-propylbenzene	4.996	4.955	0.8	67	0.00
79 T	2-Chlorotoluene	2.746	2.732	0.5	67	0.00
80 T	1,3,5-Trimethylbenzene	3.344	3.268	2.3	66	0.00
81 T	trans-1,4-Dichloro-2-butene	0.250	0.231	7.6	67	0.00
82 T	4-Chlorotoluene	2.824	2.781	1.5	66	0.00
83 T	tert-Butylbenzene	2.972	2.973	-0.0	68	0.00
84 T	1,2,4-Trimethylbenzene	3.319	3.318	0.0	67	0.00
85 T	sec-Butylbenzene	4.412	4.337	1.7	65	0.00
86 T	p-Isopropyltoluene	3.710	3.622	2.4	65	0.00
87 T	1,3-Dichlorobenzene	1.806	1.806	0.0	68	0.00
88 T	1,4-Dichlorobenzene	1.737	1.755	-1.0	69	0.00
89 T	n-Butylbenzene	3.510	3.408	2.9	64	0.00
90 T	Hexachloroethane	0.749	0.733	2.1	66	0.00
91 T	1,2-Dichlorobenzene	1.517	1.559	-2.8	70	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.109	-5.8	75	0.00
93 T	1,2,4-Trichlorobenzene	0.876	0.867	1.0	66	0.00
94 T	Hexachlorobutadiene	0.489	0.456	6.7	63	0.00
95 T	Naphthalene	1.663	1.749	-5.2	73	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.751	-1.1	69	0.00

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