

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020825.D
 Acq On : 14 Jan 2025 16:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 15 03:31:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 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	111	0.00
2 T	Dichlorodifluoromethane	0.367	0.286	22.1	88	0.00
3 P	Chloromethane	0.193	0.199	-3.1	116	0.00
4 C	Vinyl Chloride	0.215	0.217	-0.9#	110	0.00
5 T	Bromomethane	0.153	0.152	0.7	114	0.00
6 T	Chloroethane	0.132	0.144	-9.1	119	0.00
7 T	Trichlorofluoromethane	0.659	0.559	15.2	94	0.00
8 T	Diethyl Ether	0.206	0.206	0.0	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.445	0.395	11.2	98	0.00
10 T	Methyl Iodide	0.477	0.463	2.9	101	0.00
11 T	Tert butyl alcohol	0.032	0.027	15.6	94	0.00
12 CM	1,1-Dichloroethene	0.390	0.357	8.5#	98	0.00
13 T	Acrolein	0.009	0.003	66.7#	56	0.00
14 T	Allyl chloride	0.563	0.574	-2.0	112	0.00
15 T	Acrylonitrile	0.088	0.088	0.0	103	0.00
16 T	Acetone	0.060	0.058	3.3	100	0.00
17 T	Carbon Disulfide	0.846	0.821	3.0	100	0.00
18 T	Methyl Acetate	0.204	0.230	-12.7	112	0.00
19 T	Methyl tert-butyl Ether	1.100	1.041	5.4	101	0.00
20 T	Methylene Chloride	0.417	0.416	0.2	110	0.00
21 T	trans-1,2-Dichloroethene	0.429	0.404	5.8	102	0.00
22 T	Diisopropyl ether	1.198	1.282	-7.0	117	0.00
23 T	Vinyl Acetate	0.661	0.683	-3.3	108	0.00
24 P	1,1-Dichloroethane	0.791	0.782	1.1	110	0.00
25 T	2-Butanone	0.099	0.099	0.0	101	0.00
26 T	2,2-Dichloropropane	0.821	0.692	15.7	94	0.00
27 T	cis-1,2-Dichloroethene	0.542	0.523	3.5	106	0.00
28 T	Bromochloromethane	0.213	0.259	-21.6	113	0.00
29 T	Tetrahydrofuran	0.063	0.066	-4.8	105	0.00
30 C	Chloroform	0.902	0.845	6.3#	105	0.00
31 T	Cyclohexane	0.618	0.556	10.0	102	0.00
32 T	1,1,1-Trichloroethane	0.879	0.779	11.4	99	0.00
33 S	1,2-Dichloroethane-d4	0.425	0.452	-6.4	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	117	0.00
35 S	Dibromofluoromethane	0.313	0.319	-1.9	110	0.00
36 T	1,1-Dichloropropene	0.400	0.353	11.8	100	0.00
37 T	Ethyl Acetate	0.159	0.154	3.1	106	0.00
38 T	Carbon Tetrachloride	0.556	0.455	18.2	95	0.00
39 T	Methylcyclohexane	0.490	0.424	13.5	97	0.00
40 TM	Benzene	1.226	1.143	6.8	107	0.00
41 T	Methacrylonitrile	0.091	0.080	12.1	90	0.00
42 TM	1,2-Dichloroethane	0.335	0.302	9.9	101	0.00
43 T	Isopropyl Acetate	0.323	0.309	4.3	104	0.00
44 TM	Trichloroethene	0.342	0.302	11.7	103	0.00
45 C	1,2-Dichloropropane	0.278	0.276	0.7#	115	0.00
46 T	Dibromomethane	0.160	0.149	6.9	105	0.00
47 T	Bromodichloromethane	0.457	0.416	9.0	104	0.00
48 T	Methyl methacrylate	0.145	0.141	2.8	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	102	0.00
50 S	Toluene-d8	1.092	1.195	-9.4	109	0.00
51 T	4-Methyl-2-Pentanone	0.162	0.161	0.6	105	0.00
52 CM	Toluene	0.812	0.754	7.1#	106	0.00
53 T	t-1,3-Dichloropropene	0.407	0.382	6.1	103	0.00
54 T	cis-1,3-Dichloropropene	0.472	0.441	6.6	106	0.00
55 T	1,1,2-Trichloroethane	0.228	0.211	7.5	107	0.00
56 T	Ethyl methacrylate	0.288	0.282	2.1	105	0.00
57 T	1,3-Dichloropropane	0.372	0.356	4.3	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.114	0.123	-7.9	111	0.00
59 T	2-Hexanone	0.104	0.104	0.0	103	0.00
60 T	Dibromochloromethane	0.331	0.303	8.5	104	0.00
61 T	1,2-Dibromoethane	0.205	0.197	3.9	108	0.00
62 S	4-Bromofluorobenzene	0.403	0.414	-2.7	112	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	121	0.00
64 T	Tetrachloroethene	0.368	0.309	16.0	100	0.00
65 PM	Chlorobenzene	1.105	0.982	11.1	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.421	0.362	14.0	104	0.00
67 C	Ethyl Benzene	1.914	1.692	11.6#	105	0.00
68 T	m/p-Xylenes	0.737	0.645	12.5	104	0.00
69 T	o-Xylene	0.699	0.617	11.7	106	0.00
70 T	Styrene	1.176	1.062	9.7	106	0.00
71 P	Bromoform	0.239	0.209	12.6	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	126	0.00
73 T	Isopropylbenzene	3.967	3.276	17.4	103	0.00
74 T	N-amyl acetate	0.649	0.618	4.8	109	0.00
75 P	1,1,2,2-Tetrachloroethane	0.601	0.526	12.5	104	0.00
76 T	1,2,3-Trichloropropane	0.437	0.375	14.2	110	0.00
77 T	Bromobenzene	0.915	0.789	13.8	108	0.00
78 T	n-propylbenzene	4.502	3.788	15.9	105	0.00
79 T	2-Chlorotoluene	2.593	2.216	14.5	107	0.00
80 T	1,3,5-Trimethylbenzene	3.215	2.657	17.4	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.207	0.178	14.0	98	0.00
82 T	4-Chlorotoluene	2.676	2.277	14.9	107	0.00
83 T	tert-Butylbenzene	3.007	2.525	16.0	106	0.00
84 T	1,2,4-Trimethylbenzene	3.139	2.667	15.0	104	0.00
85 T	sec-Butylbenzene	4.200	3.506	16.5	103	0.00
86 T	p-Isopropyltoluene	3.583	2.963	17.3	103	0.00
87 T	1,3-Dichlorobenzene	1.777	1.511	15.0	107	0.00
88 T	1,4-Dichlorobenzene	1.749	1.486	15.0	107	0.00
89 T	n-Butylbenzene	3.108	2.625	15.5	104	0.00
90 T	Hexachloroethane	0.719	0.590	17.9	105	0.00
91 T	1,2-Dichlorobenzene	1.554	1.325	14.7	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.083	14.4	106	0.00
93 T	1,2,4-Trichlorobenzene	0.894	0.800	10.5	108	0.00
94 T	Hexachlorobutadiene	0.630	0.517	17.9	105	0.00
95 T	Naphthalene	1.472	1.338	9.1	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.683	8.8	114	0.00

(#) = Out of Range

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