

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011425\
 Data File : VY020810.D
 Acq On : 14 Jan 2025 08:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 15 03:23:16 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	132	0.01
2 T	Dichlorodifluoromethane	0.367	0.318	13.4	116	0.00
3 P	Chloromethane	0.193	0.185	4.1	129	0.00
4 C	Vinyl Chloride	0.215	0.230	-7.0#	139	0.00
5 T	Bromomethane	0.153	0.136	11.1	122	0.00
6 T	Chloroethane	0.132	0.140	-6.1	138	0.00
7 T	Trichlorofluoromethane	0.659	0.627	4.9	126	0.01
8 T	Diethyl Ether	0.206	0.197	4.4	122	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.445	0.423	4.9	126	0.01
10 T	Methyl Iodide	0.477	0.476	0.2	124	0.01
11 T	Tert butyl alcohol	0.032	0.027	15.6	114	0.03
12 CM	1,1-Dichloroethene	0.390	0.377	3.3#	124	0.01
13 T	Acrolein	0.009	0.004	55.6#	91	0.00
14 T	Allyl chloride	0.563	0.563	0.0	131	0.01
15 T	Acrylonitrile	0.088	0.086	2.3	120	0.01
16 T	Acetone	0.060	0.057	5.0	118	0.02
17 T	Carbon Disulfide	0.846	0.850	-0.5	123	0.00
18 T	Methyl Acetate	0.204	0.213	-4.4	125	0.01
19 T	Methyl tert-butyl Ether	1.100	1.035	5.9	120	0.00
20 T	Methylene Chloride	0.417	0.393	5.8	125	0.00
21 T	trans-1,2-Dichloroethene	0.429	0.404	5.8	122	0.01
22 T	Diisopropyl ether	1.198	1.225	-2.3	134	0.00
23 T	Vinyl Acetate	0.661	0.672	-1.7	127	0.01
24 P	1,1-Dichloroethane	0.791	0.756	4.4	127	0.01
25 T	2-Butanone	0.099	0.098	1.0	119	0.01
26 T	2,2-Dichloropropane	0.821	0.749	8.8	122	0.01
27 T	cis-1,2-Dichloroethene	0.542	0.506	6.6	123	0.01
28 T	Bromochloromethane	0.213	0.247	-16.0	129	0.00
29 T	Tetrahydrofuran	0.063	0.065	-3.2	124	0.01
30 C	Chloroform	0.902	0.816	9.5#	121	0.01
31 T	Cyclohexane	0.618	0.588	4.9	129	0.01
32 T	1,1,1-Trichloroethane	0.879	0.784	10.8	119	0.01
33 S	1,2-Dichloroethane-d4	0.425	0.449	-5.6	123	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	131	0.00
35 S	Dibromofluoromethane	0.313	0.334	-6.7	129	0.01
36 T	1,1-Dichloropropene	0.400	0.392	2.0	124	0.01
37 T	Ethyl Acetate	0.159	0.163	-2.5	125	0.02
38 T	Carbon Tetrachloride	0.556	0.506	9.0	118	0.01
39 T	Methylcyclohexane	0.490	0.493	-0.6	127	0.00
40 TM	Benzene	1.226	1.186	3.3	124	0.01
41 T	Methacrylonitrile	0.091	0.085	6.6	107	0.01
42 TM	1,2-Dichloroethane	0.335	0.307	8.4	115	0.00
43 T	Isopropyl Acetate	0.323	0.331	-2.5	124	0.01
44 TM	Trichloroethene	0.342	0.322	5.8	122	0.00
45 C	1,2-Dichloropropane	0.278	0.276	0.7#	128	0.00
46 T	Dibromomethane	0.160	0.154	3.8	121	0.00
47 T	Bromodichloromethane	0.457	0.426	6.8	119	0.01
48 T	Methyl methacrylate	0.145	0.146	-0.7	118	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	113	0.01
50 S	Toluene-d8	1.092	1.272	-16.5	130	0.01
51 T	4-Methyl-2-Pentanone	0.162	0.168	-3.7	122	0.01
52 CM	Toluene	0.812	0.777	4.3#	122	0.00
53 T	t-1,3-Dichloropropene	0.407	0.394	3.2	119	0.00
54 T	cis-1,3-Dichloropropene	0.472	0.459	2.8	123	0.00
55 T	1,1,2-Trichloroethane	0.228	0.220	3.5	125	0.00
56 T	Ethyl methacrylate	0.288	0.296	-2.8	124	0.00
57 T	1,3-Dichloropropane	0.372	0.365	1.9	123	0.01
58 T	2-Chloroethyl Vinyl ether	0.114	0.113	0.9	114	0.01
59 T	2-Hexanone	0.104	0.110	-5.8	122	0.01
60 T	Dibromochloromethane	0.331	0.306	7.6	117	0.01
61 T	1,2-Dibromoethane	0.205	0.194	5.4	119	0.01
62 S	4-Bromofluorobenzene	0.403	0.429	-6.5	130	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	131	0.00
64 T	Tetrachloroethene	0.368	0.351	4.6	123	0.00
65 PM	Chlorobenzene	1.105	1.036	6.2	122	0.00
66 T	1,1,1,2-Tetrachloroethane	0.421	0.388	7.8	120	0.01
67 C	Ethyl Benzene	1.914	1.832	4.3#	122	0.00
68 T	m/p-Xylenes	0.737	0.687	6.8	120	0.00
69 T	o-Xylene	0.699	0.661	5.4	122	0.01
70 T	Styrene	1.176	1.120	4.8	121	0.00
71 P	Bromoform	0.239	0.224	6.3	117	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	131	0.00
73 T	Isopropylbenzene	3.967	3.720	6.2	121	0.01
74 T	N-amyl acetate	0.649	0.702	-8.2	128	0.01
75 P	1,1,2,2-Tetrachloroethane	0.601	0.588	2.2	120	0.00
76 T	1,2,3-Trichloropropane	0.437	0.419	4.1	127	0.00
77 T	Bromobenzene	0.915	0.846	7.5	120	0.00
78 T	n-propylbenzene	4.502	4.324	4.0	124	0.01
79 T	2-Chlorotoluene	2.593	2.445	5.7	122	0.01
80 T	1,3,5-Trimethylbenzene	3.215	3.012	6.3	121	0.01
81 T	trans-1,4-Dichloro-2-butene	0.207	0.210	-1.4	119	0.00
82 T	4-Chlorotoluene	2.676	2.517	5.9	122	0.00
83 T	tert-Butylbenzene	3.007	2.863	4.8	125	0.01
84 T	1,2,4-Trimethylbenzene	3.139	2.960	5.7	120	0.00
85 T	sec-Butylbenzene	4.200	4.018	4.3	122	0.00
86 T	p-Isopropyltoluene	3.583	3.381	5.6	121	0.00
87 T	1,3-Dichlorobenzene	1.777	1.649	7.2	121	0.00
88 T	1,4-Dichlorobenzene	1.749	1.621	7.3	121	0.00
89 T	n-Butylbenzene	3.108	3.035	2.3	124	0.00
90 T	Hexachloroethane	0.719	0.671	6.7	123	0.00
91 T	1,2-Dichlorobenzene	1.554	1.435	7.7	120	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.089	8.2	117	0.00
93 T	1,2,4-Trichlorobenzene	0.894	0.900	-0.7	126	0.00
94 T	Hexachlorobutadiene	0.630	0.611	3.0	128	0.00
95 T	Naphthalene	1.472	1.511	-2.6	126	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.745	0.5	128	0.00

(#) = Out of Range

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