

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020842.D
 Acq On : 17 Jan 2025 09:17
 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: Jan 17 23:19:53 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	142	0.01
2 T	Dichlorodifluoromethane	0.367	0.312	15.0	123	0.00
3 P	Chloromethane	0.193	0.195	-1.0	146	0.00
4 C	Vinyl Chloride	0.215	0.237	-10.2#	154#	0.01
5 T	Bromomethane	0.153	0.148	3.3	143	0.01
6 T	Chloroethane	0.132	0.149	-12.9	158#	0.01
7 T	Trichlorofluoromethane	0.659	0.626	5.0	135	0.01
8 T	Diethyl Ether	0.206	0.193	6.3	129	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.445	0.435	2.2	139	0.00
10 T	Methyl Iodide	0.477	0.465	2.5	130	0.01
11 T	Tert butyl alcohol	0.032	0.026	18.8	116	0.02
12 CM	1,1-Dichloroethene	0.390	0.384	1.5#	136	0.01
13 T	Acrolein	0.009	0.005	44.4#	135	0.00
14 T	Allyl chloride	0.563	0.561	0.4	140	0.02
15 T	Acrylonitrile	0.088	0.080	9.1	120	0.02
16 T	Acetone	0.060	0.053	11.7	116	0.00
17 T	Carbon Disulfide	0.846	0.829	2.0	129	0.00
18 T	Methyl Acetate	0.204	0.201	1.5	127	0.00
19 T	Methyl tert-butyl Ether	1.100	0.994	9.6	124	0.00
20 T	Methylene Chloride	0.417	0.397	4.8	135	0.01
21 T	trans-1,2-Dichloroethene	0.429	0.406	5.4	132	0.01
22 T	Diisopropyl ether	1.198	1.216	-1.5	143	0.00
23 T	Vinyl Acetate	0.661	0.632	4.4	128	0.01
24 P	1,1-Dichloroethane	0.791	0.749	5.3	135	0.01
25 T	2-Butanone	0.099	0.090	9.1	118	0.01
26 T	2,2-Dichloropropane	0.821	0.754	8.2	132	0.02
27 T	cis-1,2-Dichloroethene	0.542	0.508	6.3	132	0.01
28 T	Bromochloromethane	0.213	0.227	-6.6	127	0.01
29 T	Tetrahydrofuran	0.063	0.059	6.3	122	0.01
30 C	Chloroform	0.902	0.818	9.3#	130	0.01
31 T	Cyclohexane	0.618	0.589	4.7	139	0.01
32 T	1,1,1-Trichloroethane	0.879	0.784	10.8	128	0.01
33 S	1,2-Dichloroethane-d4	0.425	0.391	8.0	115	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	143	0.00
35 S	Dibromofluoromethane	0.313	0.297	5.1	125	0.01
36 T	1,1-Dichloropropene	0.400	0.384	4.0	132	0.01
37 T	Ethyl Acetate	0.159	0.144	9.4	120	0.02
38 T	Carbon Tetrachloride	0.556	0.505	9.2	128	0.01
39 T	Methylcyclohexane	0.490	0.484	1.2	135	0.00
40 TM	Benzene	1.226	1.178	3.9	134	0.01
41 T	Methacrylonitrile	0.091	0.088	3.3	122	0.01
42 TM	1,2-Dichloroethane	0.335	0.296	11.6	120	0.01
43 T	Isopropyl Acetate	0.323	0.298	7.7	122	0.01
44 TM	Trichloroethene	0.342	0.321	6.1	133	0.00
45 C	1,2-Dichloropropane	0.278	0.273	1.8#	137	0.00
46 T	Dibromomethane	0.160	0.149	6.9	127	0.00
47 T	Bromodichloromethane	0.457	0.422	7.7	128	0.01
48 T	Methyl methacrylate	0.145	0.139	4.1	122	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.001	50.0#	108	0.01
50 S	Toluene-d8	1.092	1.134	-3.8	126	0.01
51 T	4-Methyl-2-Pentanone	0.162	0.152	6.2	120	0.01
52 CM	Toluene	0.812	0.768	5.4#	131	0.00
53 T	t-1,3-Dichloropropene	0.407	0.377	7.4	123	0.01
54 T	cis-1,3-Dichloropropene	0.472	0.449	4.9	131	0.00
55 T	1,1,2-Trichloroethane	0.228	0.211	7.5	130	0.00
56 T	Ethyl methacrylate	0.288	0.275	4.5	125	0.00
57 T	1,3-Dichloropropane	0.372	0.349	6.2	128	0.01
58 T	2-Chloroethyl Vinyl ether	0.114	0.100	12.3	110	0.01
59 T	2-Hexanone	0.104	0.098	5.8	119	0.01
60 T	Dibromochloromethane	0.331	0.300	9.4	125	0.01
61 T	1,2-Dibromoethane	0.205	0.187	8.8	125	0.01
62 S	4-Bromofluorobenzene	0.403	0.382	5.2	125	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	140	0.00
64 T	Tetrachloroethene	0.368	0.349	5.2	131	0.00
65 PM	Chlorobenzene	1.105	1.043	5.6	131	0.01
66 T	1,1,1,2-Tetrachloroethane	0.421	0.384	8.8	127	0.01
67 C	Ethyl Benzene	1.914	1.833	4.2#	131	0.00
68 T	m/p-Xylenes	0.737	0.698	5.3	130	0.00
69 T	o-Xylene	0.699	0.664	5.0	132	0.01
70 T	Styrene	1.176	1.115	5.2	129	0.00
71 P	Bromoform	0.239	0.216	9.6	120	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	140	0.00
73 T	Isopropylbenzene	3.967	3.717	6.3	130	0.01
74 T	N-amyl acetate	0.649	0.637	1.8	125	0.00
75 P	1,1,2,2-Tetrachloroethane	0.601	0.556	7.5	122	0.00
76 T	1,2,3-Trichloropropane	0.437	0.403	7.8	132	0.00
77 T	Bromobenzene	0.915	0.848	7.3	129	0.00
78 T	n-propylbenzene	4.502	4.293	4.6	132	0.01
79 T	2-Chlorotoluene	2.593	2.432	6.2	131	0.01
80 T	1,3,5-Trimethylbenzene	3.215	3.018	6.1	130	0.01
81 T	trans-1,4-Dichloro-2-butene	0.207	0.189	8.7	115	0.00
82 T	4-Chlorotoluene	2.676	2.491	6.9	130	0.01
83 T	tert-Butylbenzene	3.007	2.844	5.4	133	0.01
84 T	1,2,4-Trimethylbenzene	3.139	2.954	5.9	129	0.00
85 T	sec-Butylbenzene	4.200	4.004	4.7	131	0.00
86 T	p-Isopropyltoluene	3.583	3.386	5.5	131	0.00
87 T	1,3-Dichlorobenzene	1.777	1.653	7.0	130	0.00
88 T	1,4-Dichlorobenzene	1.749	1.627	7.0	131	0.00
89 T	n-Butylbenzene	3.108	2.978	4.2	131	0.00
90 T	Hexachloroethane	0.719	0.668	7.1	132	0.00
91 T	1,2-Dichlorobenzene	1.554	1.454	6.4	131	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.081	16.5	114	0.00
93 T	1,2,4-Trichlorobenzene	0.894	0.890	0.4	134	0.00
94 T	Hexachlorobutadiene	0.630	0.599	4.9	135	0.00
95 T	Naphthalene	1.472	1.414	3.9	127	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.741	1.1	137	0.00

(#) = Out of Range

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