

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010725\
 Data File : VY020789.D
 Acq On : 07 Jan 2025 09:41
 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 08 00:51:11 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	116	0.02
2 T	Dichlorodifluoromethane	0.367	0.333	9.3	107	0.01
3 P	Chloromethane	0.193	0.192	0.5	117	0.01
4 C	Vinyl Chloride	0.215	0.231	-7.4#	123	0.01
5 T	Bromomethane	0.153	0.132	13.7	104	0.02
6 T	Chloroethane	0.132	0.137	-3.8	118	0.01
7 T	Trichlorofluoromethane	0.659	0.643	2.4	113	0.02
8 T	Diethyl Ether	0.206	0.212	-2.9	116	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.445	0.424	4.7	111	0.02
10 T	Methyl Iodide	0.477	0.499	-4.6	114	0.02
11 T	Tert butyl alcohol	0.032	0.028	12.5	102	0.05
12 CM	1,1-Dichloroethene	0.390	0.389	0.3#	112	0.02
13 T	Acrolein	0.009	0.005	44.4#	103	0.02
14 T	Allyl chloride	0.563	0.574	-2.0	117	0.03
15 T	Acrylonitrile	0.088	0.090	-2.3	110	0.04
16 T	Acetone	0.060	0.058	3.3	105	0.03
17 T	Carbon Disulfide	0.846	0.890	-5.2	113	0.02
18 T	Methyl Acetate	0.204	0.220	-7.8	113	0.02
19 T	Methyl tert-butyl Ether	1.100	1.107	-0.6	112	0.02
20 T	Methylene Chloride	0.417	0.415	0.5	115	0.02
21 T	trans-1,2-Dichloroethene	0.429	0.424	1.2	113	0.02
22 T	Diisopropyl ether	1.198	1.255	-4.8	120	0.02
23 T	Vinyl Acetate	0.661	0.698	-5.6	116	0.02
24 P	1,1-Dichloroethane	0.791	0.775	2.0	114	0.02
25 T	2-Butanone	0.099	0.100	-1.0	107	0.03
26 T	2,2-Dichloropropane	0.821	0.776	5.5	111	0.03
27 T	cis-1,2-Dichloroethene	0.542	0.530	2.2	113	0.03
28 T	Bromochloromethane	0.213	0.260	-22.1	119	0.02
29 T	Tetrahydrofuran	0.063	0.066	-4.8	110	0.02
30 C	Chloroform	0.902	0.858	4.9#	111	0.02
31 T	Cyclohexane	0.618	0.587	5.0	113	0.02
32 T	1,1,1-Trichloroethane	0.879	0.814	7.4	108	0.02
33 S	1,2-Dichloroethane-d4	0.425	0.471	-10.8	113	0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	117	0.01
35 S	Dibromofluoromethane	0.313	0.339	-8.3	117	0.02
36 T	1,1-Dichloropropene	0.400	0.391	2.3	111	0.02
37 T	Ethyl Acetate	0.159	0.169	-6.3	116	0.02
38 T	Carbon Tetrachloride	0.556	0.527	5.2	109	0.02
39 T	Methylcyclohexane	0.490	0.489	0.2	112	0.01
40 TM	Benzene	1.226	1.222	0.3	114	0.02
41 T	Methacrylonitrile	0.091	0.103	-13.2	116	0.02
42 TM	1,2-Dichloroethane	0.335	0.331	1.2	110	0.02
43 T	Isopropyl Acetate	0.323	0.343	-6.2	115	0.02
44 TM	Trichloroethene	0.342	0.329	3.8	111	0.01
45 C	1,2-Dichloropropane	0.278	0.282	-1.4#	117	0.02
46 T	Dibromomethane	0.160	0.162	-1.3	114	0.01
47 T	Bromodichloromethane	0.457	0.448	2.0	112	0.02
48 T	Methyl methacrylate	0.145	0.151	-4.1	108	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	103	0.02
50 S	Toluene-d8	1.092	1.259	-15.3	114	0.02
51 T	4-Methyl-2-Pentanone	0.162	0.170	-4.9	110	0.02
52 CM	Toluene	0.812	0.793	2.3#	111	0.01
53 T	t-1,3-Dichloropropene	0.407	0.408	-0.2	110	0.01
54 T	cis-1,3-Dichloropropene	0.472	0.481	-1.9	115	0.01
55 T	1,1,2-Trichloroethane	0.228	0.227	0.4	115	0.01
56 T	Ethyl methacrylate	0.288	0.304	-5.6	113	0.01
57 T	1,3-Dichloropropane	0.372	0.373	-0.3	112	0.02
58 T	2-Chloroethyl Vinyl ether	0.114	0.130	-14.0	117	0.02
59 T	2-Hexanone	0.104	0.111	-6.7	110	0.01
60 T	Dibromochloromethane	0.331	0.322	2.7	110	0.01
61 T	1,2-Dibromoethane	0.205	0.204	0.5	112	0.01
62 S	4-Bromofluorobenzene	0.403	0.433	-7.4	117	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.01
64 T	Tetrachloroethene	0.368	0.345	6.3	107	0.01
65 PM	Chlorobenzene	1.105	1.071	3.1	112	0.01
66 T	1,1,1,2-Tetrachloroethane	0.421	0.405	3.8	111	0.01
67 C	Ethyl Benzene	1.914	1.868	2.4#	111	0.01
68 T	m/p-Xylenes	0.737	0.707	4.1	110	0.01
69 T	o-Xylene	0.699	0.674	3.6	111	0.01
70 T	Styrene	1.176	1.141	3.0	110	0.01
71 P	Bromoform	0.239	0.232	2.9	108	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.01
73 T	Isopropylbenzene	3.967	3.754	5.4	108	0.02
74 T	N-amyl acetate	0.649	0.694	-6.9	112	0.01
75 P	1,1,2,2-Tetrachloroethane	0.601	0.605	-0.7	110	0.01
76 T	1,2,3-Trichloropropane	0.437	0.413	5.5	111	0.01
77 T	Bromobenzene	0.915	0.875	4.4	110	0.01
78 T	n-propylbenzene	4.502	4.331	3.8	110	0.02
79 T	2-Chlorotoluene	2.593	2.448	5.6	108	0.01
80 T	1,3,5-Trimethylbenzene	3.215	3.061	4.8	109	0.02
81 T	trans-1,4-Dichloro-2-butene	0.207	0.213	-2.9	107	0.01
82 T	4-Chlorotoluene	2.676	2.534	5.3	109	0.01
83 T	tert-Butylbenzene	3.007	2.916	3.0	112	0.01
84 T	1,2,4-Trimethylbenzene	3.139	3.017	3.9	108	0.01
85 T	sec-Butylbenzene	4.200	3.983	5.2	107	0.01
86 T	p-Isopropyltoluene	3.583	3.380	5.7	107	0.01
87 T	1,3-Dichlorobenzene	1.777	1.675	5.7	108	0.01
88 T	1,4-Dichlorobenzene	1.749	1.641	6.2	109	0.01
89 T	n-Butylbenzene	3.108	2.973	4.3	108	0.01
90 T	Hexachloroethane	0.719	0.655	8.9	107	0.01
91 T	1,2-Dichlorobenzene	1.554	1.455	6.4	108	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.095	2.1	111	0.01
93 T	1,2,4-Trichlorobenzene	0.894	0.881	1.5	109	0.01
94 T	Hexachlorobutadiene	0.630	0.594	5.7	110	0.01
95 T	Naphthalene	1.472	1.506	-2.3	111	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.722	3.6	110	0.01

(#) = Out of Range

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