

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021247.D
 Acq On : 20 Feb 2025 14:04
 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: Feb 21 02:39:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 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	100	0.02
2 T	Dichlorodifluoromethane	0.446	0.369	17.3	83	0.01
3 P	Chloromethane	0.440	0.448	-1.8	106	0.01
4 C	Vinyl Chloride	0.443	0.453	-2.3#	107	0.01
5 T	Bromomethane	0.274	0.261	4.7	101	0.02
6 T	Chloroethane	0.263	0.275	-4.6	108	0.02
7 T	Trichlorofluoromethane	0.806	0.762	5.5	97	0.02
8 T	Diethyl Ether	0.252	0.262	-4.0	108	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.506	0.474	6.3	96	0.02
10 T	Methyl Iodide	0.562	0.630	-12.1	107	0.02
11 T	Tert butyl alcohol	0.035	0.030	14.3	95	0.06
12 CM	1,1-Dichloroethene	0.477	0.446	6.5#	95	0.02
13 T	Acrolein	0.053	0.034	35.8#	64	0.02
14 T	Allyl chloride	0.803	0.818	-1.9	102	0.02
15 T	Acrylonitrile	0.105	0.111	-5.7	104	0.04
16 T	Acetone	0.080	0.081	-1.3	104	0.03
17 T	Carbon Disulfide	1.495	1.245	16.7	84	0.02
18 T	Methyl Acetate	0.280	0.316	-12.9	110	0.02
19 T	Methyl tert-butyl Ether	1.205	1.288	-6.9	106	0.03
20 T	Methylene Chloride	0.497	0.495	0.4	102	0.02
21 T	trans-1,2-Dichloroethene	0.525	0.503	4.2	96	0.02
22 T	Diisopropyl ether	1.656	1.800	-8.7	108	0.02
23 T	Vinyl Acetate	0.923	0.998	-8.1	105	0.02
24 P	1,1-Dichloroethane	0.970	0.986	-1.6	104	0.03
25 T	2-Butanone	0.131	0.136	-3.8	101	0.02
26 T	2,2-Dichloropropane	0.898	0.896	0.2	103	0.02
27 T	cis-1,2-Dichloroethene	0.604	0.606	-0.3	101	0.02
28 T	Bromochloromethane	0.384	0.459	-19.5	111	0.02
29 T	Tetrahydrofuran	0.089	0.093	-4.5	102	0.03
30 C	Chloroform	0.997	1.031	-3.4#	105	0.02
31 T	Cyclohexane	0.874	0.781	10.6	94	0.02
32 T	1,1,1-Trichloroethane	0.927	0.908	2.0	100	0.02
33 S	1,2-Dichloroethane-d4	0.512	0.515	-0.6	102	0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.01
35 S	Dibromofluoromethane	0.320	0.322	-0.6	104	0.02
36 T	1,1-Dichloropropene	0.475	0.455	4.2	99	0.02
37 T	Ethyl Acetate	0.208	0.219	-5.3	105	0.02
38 T	Carbon Tetrachloride	0.555	0.524	5.6	96	0.02
39 T	Methylcyclohexane	0.581	0.542	6.7	93	0.01
40 TM	Benzene	1.393	1.385	0.6	101	0.02
41 T	Methacrylonitrile	0.120	0.133	-10.8	121	0.02
42 TM	1,2-Dichloroethane	0.386	0.393	-1.8	105	0.02
43 T	Isopropyl Acetate	0.414	0.446	-7.7	107	0.02
44 TM	Trichloroethene	0.360	0.343	4.7	99	0.01
45 C	1,2-Dichloropropane	0.331	0.340	-2.7#	105	0.02
46 T	Dibromomethane	0.183	0.183	0.0	102	0.01
47 T	Bromodichloromethane	0.491	0.501	-2.0	105	0.02
48 T	Methyl methacrylate	0.188	0.203	-8.0	107	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	93	0.03
50 S	Toluene-d8	1.220	1.179	3.4	99	0.02
51 T	4-Methyl-2-Pentanone	0.208	0.224	-7.7	105	0.02
52 CM	Toluene	0.875	0.868	0.8#	100	0.01
53 T	t-1,3-Dichloropropene	0.441	0.462	-4.8	104	0.02
54 T	cis-1,3-Dichloropropene	0.522	0.539	-3.3	103	0.02
55 T	1,1,2-Trichloroethane	0.237	0.240	-1.3	103	0.01
56 T	Ethyl methacrylate	0.317	0.341	-7.6	102	0.01
57 T	1,3-Dichloropropane	0.410	0.432	-5.4	106	0.01
58 T	2-Chloroethyl Vinyl ether	0.151	0.149	1.3	96	0.02
59 T	2-Hexanone	0.134	0.145	-8.2	102	0.01
60 T	Dibromochloromethane	0.333	0.336	-0.9	103	0.02
61 T	1,2-Dibromoethane	0.222	0.221	0.5	99	0.02
62 S	4-Bromofluorobenzene	0.399	0.398	0.3	100	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.01
64 T	Tetrachloroethene	0.371	0.343	7.5	94	0.01
65 PM	Chlorobenzene	1.113	1.101	1.1	100	0.02
66 T	1,1,1,2-Tetrachloroethane	0.396	0.402	-1.5	103	0.01
67 C	Ethyl Benzene	1.969	1.970	-0.1#	100	0.01
68 T	m/p-Xylenes	0.737	0.734	0.4	99	0.01
69 T	o-Xylene	0.687	0.694	-1.0	100	0.01
70 T	Styrene	1.145	1.176	-2.7	100	0.01
71 P	Bromoform	0.220	0.221	-0.5	100	0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.01
73 T	Isopropylbenzene	3.906	3.996	-2.3	101	0.01
74 T	N-amyl acetate	0.854	0.930	-8.9	100	0.02
75 P	1,1,2,2-Tetrachloroethane	0.650	0.671	-3.2	102	0.01
76 T	1,2,3-Trichloropropane	0.454	0.480	-5.7	100	0.01
77 T	Bromobenzene	0.901	0.897	0.4	99	0.01
78 T	n-propylbenzene	4.653	4.736	-1.8	99	0.01
79 T	2-Chlorotoluene	2.665	2.707	-1.6	100	0.00
80 T	1,3,5-Trimethylbenzene	3.167	3.210	-1.4	99	0.01
81 T	trans-1,4-Dichloro-2-butene	0.222	0.224	-0.9	96	0.01
82 T	4-Chlorotoluene	2.715	2.784	-2.5	102	0.01
83 T	tert-Butylbenzene	2.878	2.930	-1.8	98	0.01
84 T	1,2,4-Trimethylbenzene	3.096	3.162	-2.1	99	0.01
85 T	sec-Butylbenzene	4.143	4.191	-1.2	99	0.01
86 T	p-Isopropyltoluene	3.442	3.488	-1.3	98	0.01
87 T	1,3-Dichlorobenzene	1.740	1.702	2.2	97	0.01
88 T	1,4-Dichlorobenzene	1.714	1.673	2.4	96	0.01
89 T	n-Butylbenzene	3.140	3.268	-4.1	99	0.01
90 T	Hexachloroethane	0.718	0.722	-0.6	99	0.01
91 T	1,2-Dichlorobenzene	1.510	1.482	1.9	97	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.099	-2.1	98	0.01
93 T	1,2,4-Trichlorobenzene	0.841	0.852	-1.3	93	0.01
94 T	Hexachlorobutadiene	0.557	0.553	0.7	96	0.01
95 T	Naphthalene	1.345	1.433	-6.5	92	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.708	-1.1	93	0.01

(#) = Out of Range

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