

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021198.D
 Acq On : 14 Feb 2025 09:06
 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 14 22:13:25 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	69	0.00
2 T	Dichlorodifluoromethane	0.446	0.458	-2.7	71	0.00
3 P	Chloromethane	0.440	0.443	-0.7	72	0.00
4 C	Vinyl Chloride	0.443	0.462	-4.3#	75	0.00
5 T	Bromomethane	0.274	0.274	0.0	73	0.00
6 T	Chloroethane	0.263	0.281	-6.8	76	0.00
7 T	Trichlorofluoromethane	0.806	0.835	-3.6	72	0.00
8 T	Diethyl Ether	0.252	0.241	4.4	68	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.506	0.529	-4.5	73	0.00
10 T	Methyl Iodide	0.562	0.582	-3.6	68	0.00
11 T	Tert butyl alcohol	0.035	0.027	22.9	58	0.00
12 CM	1,1-Dichloroethene	0.477	0.480	-0.6#	70	0.01
13 T	Acrolein	0.053	0.029	45.3#	39#	0.00
14 T	Allyl chloride	0.803	0.848	-5.6	73	0.00
15 T	Acrylonitrile	0.105	0.102	2.9	66	0.02
16 T	Acetone	0.080	0.090	-12.5	80	0.00
17 T	Carbon Disulfide	1.495	1.440	3.7	67	0.00
18 T	Methyl Acetate	0.280	0.279	0.4	67	0.00
19 T	Methyl tert-butyl Ether	1.205	1.195	0.8	67	0.02
20 T	Methylene Chloride	0.497	0.507	-2.0	72	0.01
21 T	trans-1,2-Dichloroethene	0.525	0.534	-1.7	70	0.01
22 T	Diisopropyl ether	1.656	1.791	-8.2	74	0.00
23 T	Vinyl Acetate	0.923	0.944	-2.3	68	0.00
24 P	1,1-Dichloroethane	0.970	1.039	-7.1	75	0.01
25 T	2-Butanone	0.131	0.130	0.8	66	0.00
26 T	2,2-Dichloropropane	0.898	0.969	-7.9	76	0.01
27 T	cis-1,2-Dichloroethene	0.604	0.621	-2.8	71	0.01
28 T	Bromochloromethane	0.384	0.412	-7.3	68	0.00
29 T	Tetrahydrofuran	0.089	0.084	5.6	63	0.02
30 C	Chloroform	0.997	1.074	-7.7#	75	0.00
31 T	Cyclohexane	0.874	0.872	0.2	72	0.00
32 T	1,1,1-Trichloroethane	0.927	0.993	-7.1	75	0.00
33 S	1,2-Dichloroethane-d4	0.512	0.481	6.1	65	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	67	0.00
35 S	Dibromofluoromethane	0.320	0.314	1.9	67	0.00
36 T	1,1-Dichloropropene	0.475	0.514	-8.2	74	0.00
37 T	Ethyl Acetate	0.208	0.202	2.9	64	0.01
38 T	Carbon Tetrachloride	0.555	0.606	-9.2	74	0.00
39 T	Methylcyclohexane	0.581	0.619	-6.5	70	0.00
40 TM	Benzene	1.393	1.502	-7.8	73	0.00
41 T	Methacrylonitrile	0.120	0.103	14.2	62	0.00
42 TM	1,2-Dichloroethane	0.386	0.412	-6.7	73	0.00
43 T	Isopropyl Acetate	0.414	0.408	1.4	65	0.00
44 TM	Trichloroethene	0.360	0.378	-5.0	73	0.00
45 C	1,2-Dichloropropane	0.331	0.356	-7.6#	73	0.00
46 T	Dibromomethane	0.183	0.184	-0.5	68	0.00
47 T	Bromodichloromethane	0.491	0.530	-7.9	74	0.00
48 T	Methyl methacrylate	0.188	0.195	-3.7	68	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	63	0.00
50 S	Toluene-d8	1.220	1.193	2.2	66	0.00
51 T	4-Methyl-2-Pentanone	0.208	0.206	1.0	64	0.00
52 CM	Toluene	0.875	0.958	-9.5#	73	0.00
53 T	t-1,3-Dichloropropene	0.441	0.470	-6.6	70	0.00
54 T	cis-1,3-Dichloropropene	0.522	0.557	-6.7	71	0.00
55 T	1,1,2-Trichloroethane	0.237	0.244	-3.0	69	0.00
56 T	Ethyl methacrylate	0.317	0.313	1.3	62	0.00
57 T	1,3-Dichloropropane	0.410	0.428	-4.4	70	0.00
58 T	2-Chloroethyl Vinyl ether	0.151	0.153	-1.3	65	0.00
59 T	2-Hexanone	0.134	0.136	-1.5	63	0.00
60 T	Dibromochloromethane	0.333	0.344	-3.3	70	0.00
61 T	1,2-Dibromoethane	0.222	0.220	0.9	65	0.00
62 S	4-Bromofluorobenzene	0.399	0.396	0.8	66	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	66	0.00
64 T	Tetrachloroethene	0.371	0.400	-7.8	73	0.00
65 PM	Chlorobenzene	1.113	1.181	-6.1	72	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.425	-7.3	73	0.00
67 C	Ethyl Benzene	1.969	2.176	-10.5#	74	0.00
68 T	m/p-Xylenes	0.737	0.812	-10.2	73	0.00
69 T	o-Xylene	0.687	0.761	-10.8	73	0.00
70 T	Styrene	1.145	1.267	-10.7	72	0.00
71 P	Bromoform	0.220	0.221	-0.5	67	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	68	0.00
73 T	Isopropylbenzene	3.906	4.176	-6.9	74	0.00
74 T	N-amyl acetate	0.854	0.835	2.2	64	0.00
75 P	1,1,2,2-Tetrachloroethane	0.650	0.615	5.4	66	0.00
76 T	1,2,3-Trichloropropane	0.454	0.414	8.8	61	0.00
77 T	Bromobenzene	0.901	0.909	-0.9	71	0.00
78 T	n-propylbenzene	4.653	5.061	-8.8	75	0.00
79 T	2-Chlorotoluene	2.665	2.807	-5.3	74	0.00
80 T	1,3,5-Trimethylbenzene	3.167	3.397	-7.3	74	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.205	7.7	62	0.00
82 T	4-Chlorotoluene	2.715	2.875	-5.9	74	0.00
83 T	tert-Butylbenzene	2.878	3.061	-6.4	72	0.00
84 T	1,2,4-Trimethylbenzene	3.096	3.372	-8.9	75	0.00
85 T	sec-Butylbenzene	4.143	4.524	-9.2	76	0.00
86 T	p-Isopropyltoluene	3.442	3.795	-10.3	75	0.00
87 T	1,3-Dichlorobenzene	1.740	1.824	-4.8	73	0.00
88 T	1,4-Dichlorobenzene	1.714	1.783	-4.0	73	0.00
89 T	n-Butylbenzene	3.140	3.521	-12.1	76	0.00
90 T	Hexachloroethane	0.718	0.773	-7.7	75	0.00
91 T	1,2-Dichlorobenzene	1.510	1.544	-2.3	72	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.093	4.1	65	0.00
93 T	1,2,4-Trichlorobenzene	0.841	0.893	-6.2	69	0.00
94 T	Hexachlorobutadiene	0.557	0.616	-10.6	75	0.00
95 T	Naphthalene	1.345	1.346	-0.1	61	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.721	-3.0	67	0.00

(#) = Out of Range

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