

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021298.D
 Acq On : 21 Feb 2025 20:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 28 06:39:13 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	0.383	14.1	59	0.00
3 P	Chloromethane	0.440	0.524	-19.1	86	0.00
4 C	Vinyl Chloride	0.443	0.546	-23.3#	89	0.00
5 T	Bromomethane	0.274	0.344	-25.5#	92	0.00
6 T	Chloroethane	0.263	0.359	-36.5#	97	0.00
7 T	Trichlorofluoromethane	0.806	0.827	-2.6	72	0.00
8 T	Diethyl Ether	0.252	0.255	-1.2	73	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.506	0.495	2.2	69	0.00
10 T	Methyl Iodide	0.562	0.556	1.1	65	0.00
11 T	Tert butyl alcohol	0.035	0.032	8.6	68	0.00
12 CM	1,1-Dichloroethene	0.477	0.457	4.2#	67	0.00
13 T	Acrolein	0.053	0.023	56.6#	31#	0.00
14 T	Allyl chloride	0.803	0.842	-4.9	73	0.00
15 T	Acrylonitrile	0.105	0.114	-8.6	74	0.00
16 T	Acetone	0.080	0.085	-6.3	76	0.00
17 T	Carbon Disulfide	1.495	1.277	14.6	60	0.00
18 T	Methyl Acetate	0.280	0.329	-17.5	79	0.00
19 T	Methyl tert-butyl Ether	1.205	1.292	-7.2	73	0.00
20 T	Methylene Chloride	0.497	0.518	-4.2	74	0.00
21 T	trans-1,2-Dichloroethene	0.525	0.511	2.7	68	0.00
22 T	Diisopropyl ether	1.656	1.925	-16.2	80	0.00
23 T	Vinyl Acetate	0.923	1.040	-12.7	76	0.00
24 P	1,1-Dichloroethane	0.970	1.067	-10.0	78	0.00
25 T	2-Butanone	0.131	0.148	-13.0	76	0.00
26 T	2,2-Dichloropropane	0.898	0.867	3.5	69	0.00
27 T	cis-1,2-Dichloroethene	0.604	0.636	-5.3	73	0.00
28 T	Bromochloromethane	0.384	0.431	-12.2	72	0.00
29 T	Tetrahydrofuran	0.089	0.098	-10.1	74	0.01
30 C	Chloroform	0.997	1.097	-10.0#	77	0.00
31 T	Cyclohexane	0.874	0.815	6.8	68	0.00
32 T	1,1,1-Trichloroethane	0.927	0.968	-4.4	73	0.00
33 S	1,2-Dichloroethane-d4	0.512	0.555	-8.4	76	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	70	0.00
35 S	Dibromofluoromethane	0.320	0.340	-6.3	76	0.00
36 T	1,1-Dichloropropene	0.475	0.471	0.8	71	0.00
37 T	Ethyl Acetate	0.208	0.224	-7.7	75	0.00
38 T	Carbon Tetrachloride	0.555	0.551	0.7	71	0.00
39 T	Methylcyclohexane	0.581	0.550	5.3	66	0.00
40 TM	Benzene	1.393	1.455	-4.5	74	0.00
41 T	Methacrylonitrile	0.120	0.132	-10.0	83	0.00
42 TM	1,2-Dichloroethane	0.386	0.421	-9.1	78	0.00
43 T	Isopropyl Acetate	0.414	0.462	-11.6	77	0.00
44 TM	Trichloroethene	0.360	0.360	0.0	72	0.00
45 C	1,2-Dichloropropane	0.331	0.362	-9.4#	78	0.00
46 T	Dibromomethane	0.183	0.192	-4.9	74	0.00
47 T	Bromodichloromethane	0.491	0.537	-9.4	78	0.00
48 T	Methyl methacrylate	0.188	0.214	-13.8	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	75	0.01
50 S	Toluene-d8	1.220	1.267	-3.9	74	0.00
51 T	4-Methyl-2-Pentanone	0.208	0.240	-15.4	78	0.00
52 CM	Toluene	0.875	0.933	-6.6#	75	0.00
53 T	t-1,3-Dichloropropene	0.441	0.474	-7.5	74	0.00
54 T	cis-1,3-Dichloropropene	0.522	0.559	-7.1	75	0.00
55 T	1,1,2-Trichloroethane	0.237	0.254	-7.2	75	0.00
56 T	Ethyl methacrylate	0.317	0.345	-8.8	71	0.00
57 T	1,3-Dichloropropane	0.410	0.446	-8.8	76	0.00
58 T	2-Chloroethyl Vinyl ether	0.151	0.155	-2.6	69	0.00
59 T	2-Hexanone	0.134	0.159	-18.7	78	0.00
60 T	Dibromochloromethane	0.333	0.352	-5.7	75	0.00
61 T	1,2-Dibromoethane	0.222	0.230	-3.6	72	0.00
62 S	4-Bromofluorobenzene	0.399	0.432	-8.3	75	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64 T	Tetrachloroethene	0.371	0.354	4.6	70	0.00
65 PM	Chlorobenzene	1.113	1.117	-0.4	74	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.409	-3.3	77	0.00
67 C	Ethyl Benzene	1.969	2.017	-2.4#	74	0.00
68 T	m/p-Xylenes	0.737	0.758	-2.8	74	0.00
69 T	o-Xylene	0.687	0.715	-4.1	75	0.00
70 T	Styrene	1.145	1.227	-7.2	76	0.00
71 P	Bromoform	0.220	0.225	-2.3	74	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	3.906	3.741	4.2	75	0.00
74 T	N-amyl acetate	0.854	0.902	-5.6	78	0.00
75 P	1,1,2,2-Tetrachloroethane	0.650	0.624	4.0	76	0.00
76 T	1,2,3-Trichloropropane	0.454	0.466	-2.6	77	0.00
77 T	Bromobenzene	0.901	0.854	5.2	76	0.00
78 T	n-propylbenzene	4.653	4.542	2.4	76	0.00
79 T	2-Chlorotoluene	2.665	2.574	3.4	76	0.00
80 T	1,3,5-Trimethylbenzene	3.167	3.052	3.6	75	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.204	8.1	70	0.00
82 T	4-Chlorotoluene	2.715	2.650	2.4	78	0.00
83 T	tert-Butylbenzene	2.878	2.808	2.4	75	0.00
84 T	1,2,4-Trimethylbenzene	3.096	3.065	1.0	77	0.00
85 T	sec-Butylbenzene	4.143	4.031	2.7	76	0.00
86 T	p-Isopropyltoluene	3.442	3.377	1.9	76	0.00
87 T	1,3-Dichlorobenzene	1.740	1.705	2.0	78	0.00
88 T	1,4-Dichlorobenzene	1.714	1.679	2.0	77	0.00
89 T	n-Butylbenzene	3.140	3.158	-0.6	77	0.00
90 T	Hexachloroethane	0.718	0.710	1.1	78	0.00
91 T	1,2-Dichlorobenzene	1.510	1.499	0.7	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.095	2.1	75	0.00
93 T	1,2,4-Trichlorobenzene	0.841	0.859	-2.1	75	0.00
94 T	Hexachlorobutadiene	0.557	0.557	0.0	77	0.00
95 T	Naphthalene	1.345	1.466	-9.0	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.735	-5.0	77	0.00

(#) = Out of Range

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