

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021273.D
 Acq On : 21 Feb 2025 00:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 21 02:51:13 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	68	0.00
2 T	Dichlorodifluoromethane	0.446	0.405	9.2	62	0.00
3 P	Chloromethane	0.440	0.508	-15.5	82	0.00
4 C	Vinyl Chloride	0.443	0.504	-13.8#	81	0.00
5 T	Bromomethane	0.274	0.315	-15.0	83	0.00
6 T	Chloroethane	0.263	0.330	-25.5#	88	0.00
7 T	Trichlorofluoromethane	0.806	0.829	-2.9	71	0.00
8 T	Diethyl Ether	0.252	0.304	-20.6	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.506	0.505	0.2	69	0.00
10 T	Methyl Iodide	0.562	0.617	-9.8	72	0.00
11 T	Tert butyl alcohol	0.035	0.046	-31.4#	98	0.03
12 CM	1,1-Dichloroethene	0.477	0.483	-1.3#	70	0.00
13 T	Acrolein	0.053	0.045	15.1	58	0.00
14 T	Allyl chloride	0.803	0.934	-16.3	79	0.00
15 T	Acrylonitrile	0.105	0.153	-45.7#	98	0.01
16 T	Acetone	0.080	0.116	-45.0#	102	0.01
17 T	Carbon Disulfide	1.495	1.377	7.9	64	0.00
18 T	Methyl Acetate	0.280	0.491	-75.4#	116	0.00
19 T	Methyl tert-butyl Ether	1.205	1.591	-32.0#	89	0.01
20 T	Methylene Chloride	0.497	0.624	-25.6#	88	0.00
21 T	trans-1,2-Dichloroethene	0.525	0.555	-5.7	72	0.00
22 T	Diisopropyl ether	1.656	2.157	-30.3#	88	0.01
23 T	Vinyl Acetate	0.923	1.253	-35.8#	90	0.00
24 P	1,1-Dichloroethane	0.970	1.145	-18.0	82	0.00
25 T	2-Butanone	0.131	0.202	-54.2#	102	0.00
26 T	2,2-Dichloropropane	0.898	0.892	0.7	70	0.00
27 T	cis-1,2-Dichloroethene	0.604	0.686	-13.6	78	0.01
28 T	Bromochloromethane	0.384	0.543	-41.4#	89	0.00
29 T	Tetrahydrofuran	0.089	0.139	-56.2#	103	0.01
30 C	Chloroform	0.997	1.189	-19.3#	82	0.00
31 T	Cyclohexane	0.874	0.840	3.9	69	0.00
32 T	1,1,1-Trichloroethane	0.927	1.015	-9.5	76	0.00
33 S	1,2-Dichloroethane-d4	0.512	0.659	-28.7#	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	71	0.00
35 S	Dibromofluoromethane	0.320	0.371	-15.9	84	0.00
36 T	1,1-Dichloropropene	0.475	0.480	-1.1	74	0.00
37 T	Ethyl Acetate	0.208	0.303	-45.7#	102	0.00
38 T	Carbon Tetrachloride	0.555	0.557	-0.4	73	0.00
39 T	Methylcyclohexane	0.581	0.555	4.5	67	0.00
40 TM	Benzene	1.393	1.536	-10.3	79	0.00
41 T	Methacrylonitrile	0.120	0.172	-43.3#	110	0.00
42 TM	1,2-Dichloroethane	0.386	0.461	-19.4	87	0.00
43 T	Isopropyl Acetate	0.414	0.581	-40.3#	98	0.00
44 TM	Trichloroethene	0.360	0.370	-2.8	76	0.00
45 C	1,2-Dichloropropane	0.331	0.388	-17.2#	85	0.00
46 T	Dibromomethane	0.183	0.220	-20.2	87	0.00
47 T	Bromodichloromethane	0.491	0.576	-17.3	85	0.00
48 T	Methyl methacrylate	0.188	0.274	-45.7#	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	89	0.01
50 S	Toluene-d8	1.220	1.354	-11.0	80	0.00
51 T	4-Methyl-2-Pentanone	0.208	0.319	-53.4#	105	0.00
52 CM	Toluene	0.875	0.960	-9.7#	78	0.00
53 T	t-1,3-Dichloropropene	0.441	0.529	-20.0	84	0.00
54 T	cis-1,3-Dichloropropene	0.522	0.598	-14.6	81	0.00
55 T	1,1,2-Trichloroethane	0.237	0.288	-21.5	87	0.00
56 T	Ethyl methacrylate	0.317	0.434	-36.9#	92	0.00
57 T	1,3-Dichloropropane	0.410	0.513	-25.1#	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.151	0.190	-25.8#	86	0.00
59 T	2-Hexanone	0.134	0.215	-60.4#	107	0.00
60 T	Dibromochloromethane	0.333	0.402	-20.7	87	0.00
61 T	1,2-Dibromoethane	0.222	0.272	-22.5	86	0.00
62 S	4-Bromofluorobenzene	0.399	0.475	-19.0	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
64 T	Tetrachloroethene	0.371	0.378	-1.9	77	0.00
65 PM	Chlorobenzene	1.113	1.188	-6.7	80	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.437	-10.4	84	0.00
67 C	Ethyl Benzene	1.969	2.100	-6.7#	79	0.00
68 T	m/p-Xylenes	0.737	0.779	-5.7	78	0.00
69 T	o-Xylene	0.687	0.740	-7.7	80	0.00
70 T	Styrene	1.145	1.283	-12.1	81	0.00
71 P	Bromoform	0.220	0.270	-22.7	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73 T	Isopropylbenzene	3.906	3.958	-1.3	79	0.00
74 T	N-amyl acetate	0.854	1.121	-31.3#	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.650	0.800	-23.1	96	0.00
76 T	1,2,3-Trichloropropane	0.454	0.497	-9.5	82	0.00
77 T	Bromobenzene	0.901	0.935	-3.8	82	0.00
78 T	n-propylbenzene	4.653	4.739	-1.8	78	0.00
79 T	2-Chlorotoluene	2.665	2.743	-2.9	80	0.00
80 T	1,3,5-Trimethylbenzene	3.167	3.260	-2.9	79	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.259	-16.7	88	0.00
82 T	4-Chlorotoluene	2.715	2.809	-3.5	81	0.00
83 T	tert-Butylbenzene	2.878	2.896	-0.6	76	0.00
84 T	1,2,4-Trimethylbenzene	3.096	3.217	-3.9	80	0.00
85 T	sec-Butylbenzene	4.143	4.178	-0.8	78	0.00
86 T	p-Isopropyltoluene	3.442	3.498	-1.6	77	0.00
87 T	1,3-Dichlorobenzene	1.740	1.807	-3.9	81	0.00
88 T	1,4-Dichlorobenzene	1.714	1.767	-3.1	80	0.00
89 T	n-Butylbenzene	3.140	3.196	-1.8	77	0.00
90 T	Hexachloroethane	0.718	0.739	-2.9	80	0.00
91 T	1,2-Dichlorobenzene	1.510	1.626	-7.7	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.126	-29.9#	99	0.00
93 T	1,2,4-Trichlorobenzene	0.841	0.915	-8.8	79	0.00
94 T	Hexachlorobutadiene	0.557	0.541	2.9	74	0.00
95 T	Naphthalene	1.345	1.788	-32.9#	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.810	-15.7	84	0.00

(#) = Out of Range

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