

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021528.D
 Acq On : 13 Mar 2025 16:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 14 14:57:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 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	83	0.00
2 T	Dichlorodifluoromethane	0.459	0.450	2.0	83	0.00
3 P	Chloromethane	0.647	0.672	-3.9	90	0.00
4 C	Vinyl Chloride	0.707	0.786	-11.2#	94	0.00
5 T	Bromomethane	0.511	0.528	-3.3	93	-0.01
6 T	Chloroethane	0.467	0.544	-16.5	98	0.00
7 T	Trichlorofluoromethane	0.987	1.185	-20.1	101	-0.01
8 T	Diethyl Ether	0.273	0.300	-9.9	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.603	-7.1	93	-0.02
10 T	Methyl Iodide	0.573	0.658	-14.8	86	-0.01
11 T	Tert butyl alcohol	0.041	0.038	7.3	82	-0.02
12 CM	1,1-Dichloroethene	0.514	0.549	-6.8#	90	-0.01
13 T	Acrolein	0.027	0.007	74.1#	135	-0.01
14 T	Allyl chloride	0.830	0.911	-9.8	90	-0.02
15 T	Acrylonitrile	0.116	0.131	-12.9	87	-0.01
16 T	Acetone	0.115	0.140	-21.7	87	0.00
17 T	Carbon Disulfide	1.610	1.662	-3.2	84	-0.01
18 T	Methyl Acetate	0.256	0.346	-35.2#	101	-0.01
19 T	Methyl tert-butyl Ether	1.302	1.460	-12.1	89	0.00
20 T	Methylene Chloride	0.605	0.629	-4.0	94	0.00
21 T	trans-1,2-Dichloroethene	0.575	0.625	-8.7	92	-0.01
22 T	Diisopropyl ether	1.789	2.057	-15.0	92	0.00
23 T	Vinyl Acetate	1.021	1.149	-12.5	86	-0.01
24 P	1,1-Dichloroethane	1.056	1.166	-10.4	92	-0.01
25 T	2-Butanone	0.159	0.189	-18.9	87	0.00
26 T	2,2-Dichloropropane	0.971	1.027	-5.8	91	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.724	-10.9	92	0.00
28 T	Bromochloromethane	0.443	0.509	-14.9	90	0.00
29 T	Tetrahydrofuran	0.098	0.115	-17.3	86	0.00
30 C	Chloroform	1.096	1.216	-10.9#	93	0.00
31 T	Cyclohexane	0.990	1.016	-2.6	89	0.00
32 T	1,1,1-Trichloroethane	1.004	1.097	-9.3	93	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.581	-10.0	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.329	0.370	-12.5	102	0.00
36 T	1,1-Dichloropropene	0.514	0.574	-11.7	90	0.00
37 T	Ethyl Acetate	0.227	0.267	-17.6	88	0.00
38 T	Carbon Tetrachloride	0.592	0.664	-12.2	92	0.00
39 T	Methylcyclohexane	0.631	0.710	-12.5	89	0.00
40 TM	Benzene	1.515	1.728	-14.1	91	0.00
41 T	Methacrylonitrile	0.124	0.141	-13.7	87	0.00
42 TM	1,2-Dichloroethane	0.424	0.493	-16.3	92	-0.01
43 T	Isopropyl Acetate	0.441	0.513	-16.3	86	0.00
44 TM	Trichloroethene	0.383	0.431	-12.5	92	-0.01
45 C	1,2-Dichloropropane	0.361	0.418	-15.8#	93	0.00
46 T	Dibromomethane	0.201	0.233	-15.9	89	0.00
47 T	Bromodichloromethane	0.533	0.623	-16.9	93	0.00
48 T	Methyl methacrylate	0.203	0.247	-21.7	88	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	0.00
50 S	Toluene-d8	1.244	1.389	-11.7	100	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.282	-23.7	87	0.00
52 CM	Toluene	0.955	1.109	-16.1#	91	0.00
53 T	t-1,3-Dichloropropene	0.470	0.556	-18.3	91	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.647	-16.2	90	0.00
55 T	1,1,2-Trichloroethane	0.263	0.308	-17.1	89	0.00
56 T	Ethyl methacrylate	0.335	0.419	-25.1#	89	0.00
57 T	1,3-Dichloropropane	0.455	0.535	-17.6	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.198	-27.7#	93	0.00
59 T	2-Hexanone	0.151	0.194	-28.5#	87	0.00
60 T	Dibromochloromethane	0.360	0.425	-18.1	92	0.00
61 T	1,2-Dibromoethane	0.248	0.288	-16.1	89	0.00
62 S	4-Bromofluorobenzene	0.423	0.486	-14.9	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.407	0.501	-23.1	104	0.00
65 PM	Chlorobenzene	1.181	1.297	-9.8	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.469	-12.5	93	0.00
67 C	Ethyl Benzene	2.072	2.329	-12.4#	91	0.00
68 T	m/p-Xylenes	0.787	0.886	-12.6	90	0.00
69 T	o-Xylene	0.725	0.823	-13.5	91	0.00
70 T	Styrene	1.203	1.405	-16.8	92	0.00
71 P	Bromoform	0.233	0.269	-15.5	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.939	4.230	-7.4	92	0.00
74 T	N-amyl acetate	0.855	0.951	-11.2	87	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.723	-4.0	87	0.00
76 T	1,2,3-Trichloropropane	0.504	0.547	-8.5	97	0.00
77 T	Bromobenzene	0.921	0.969	-5.2	91	0.00
78 T	n-propylbenzene	4.783	5.202	-8.8	93	0.00
79 T	2-Chlorotoluene	2.735	2.908	-6.3	93	0.00
80 T	1,3,5-Trimethylbenzene	3.201	3.495	-9.2	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.226	-1.8	83	0.00
82 T	4-Chlorotoluene	2.832	3.023	-6.7	93	0.00
83 T	tert-Butylbenzene	2.855	3.084	-8.0	92	0.00
84 T	1,2,4-Trimethylbenzene	3.178	3.487	-9.7	93	0.00
85 T	sec-Butylbenzene	4.248	4.608	-8.5	92	0.00
86 T	p-Isopropyltoluene	3.500	3.807	-8.8	93	0.00
87 T	1,3-Dichlorobenzene	1.834	1.926	-5.0	93	0.00
88 T	1,4-Dichlorobenzene	1.794	1.903	-6.1	93	0.00
89 T	n-Butylbenzene	3.232	3.612	-11.8	93	0.00
90 T	Hexachloroethane	0.747	0.773	-3.5	93	0.00
91 T	1,2-Dichlorobenzene	1.572	1.675	-6.6	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.110	-5.8	89	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.944	-9.9	91	0.00
94 T	Hexachlorobutadiene	0.538	0.572	-6.3	91	0.00
95 T	Naphthalene	1.390	1.582	-13.8	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.813	-12.6	92	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6