

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021516.D
 Acq On : 13 Mar 2025 10:31
 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: Mar 14 14:55:09 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	86	0.00
2 T	Dichlorodifluoromethane	0.459	0.420	8.5	81	0.00
3 P	Chloromethane	0.647	0.671	-3.7	94	0.00
4 C	Vinyl Chloride	0.707	0.776	-9.8#	97	0.00
5 T	Bromomethane	0.511	0.537	-5.1	99	-0.01
6 T	Chloroethane	0.467	0.562	-20.3	105	0.00
7 T	Trichlorofluoromethane	0.987	1.057	-7.1	94	-0.01
8 T	Diethyl Ether	0.273	0.300	-9.9	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.560	0.5	90	-0.01
10 T	Methyl Iodide	0.573	0.637	-11.2	87	-0.01
11 T	Tert butyl alcohol	0.041	0.040	2.4	90	-0.01
12 CM	1,1-Dichloroethene	0.514	0.507	1.4#	87	-0.01
13 T	Acrolein	0.027	0.004	85.2#	85	-0.02
14 T	Allyl chloride	0.830	0.863	-4.0	88	-0.02
15 T	Acrylonitrile	0.116	0.137	-18.1	95	-0.01
16 T	Acetone	0.115	0.138	-20.0	88	0.00
17 T	Carbon Disulfide	1.610	1.590	1.2	84	-0.01
18 T	Methyl Acetate	0.256	0.354	-38.3#	107	0.00
19 T	Methyl tert-butyl Ether	1.302	1.467	-12.7	93	0.00
20 T	Methylene Chloride	0.605	0.601	0.7	94	0.00
21 T	trans-1,2-Dichloroethene	0.575	0.590	-2.6	90	-0.02
22 T	Diisopropyl ether	1.789	1.985	-11.0	93	0.00
23 T	Vinyl Acetate	1.021	1.157	-13.3	90	-0.01
24 P	1,1-Dichloroethane	1.056	1.117	-5.8	92	-0.01
25 T	2-Butanone	0.159	0.190	-19.5	91	0.00
26 T	2,2-Dichloropropane	0.971	0.962	0.9	88	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.701	-7.4	92	0.00
28 T	Bromochloromethane	0.443	0.448	-1.1	83	0.00
29 T	Tetrahydrofuran	0.098	0.120	-22.4	94	0.00
30 C	Chloroform	1.096	1.190	-8.6#	94	-0.01
31 T	Cyclohexane	0.990	0.934	5.7	86	-0.01
32 T	1,1,1-Trichloroethane	1.004	1.046	-4.2	92	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.596	-12.9	107	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.329	0.362	-10.0	106	0.00
36 T	1,1-Dichloropropene	0.514	0.535	-4.1	89	0.00
37 T	Ethyl Acetate	0.227	0.277	-22.0	97	0.00
38 T	Carbon Tetrachloride	0.592	0.613	-3.5	90	0.00
39 T	Methylcyclohexane	0.631	0.636	-0.8	85	-0.01
40 TM	Benzene	1.515	1.619	-6.9	91	0.00
41 T	Methacrylonitrile	0.124	0.148	-19.4	98	0.00
42 TM	1,2-Dichloroethane	0.424	0.479	-13.0	95	-0.01
43 T	Isopropyl Acetate	0.441	0.521	-18.1	93	0.00
44 TM	Trichloroethene	0.383	0.404	-5.5	92	-0.01
45 C	1,2-Dichloropropane	0.361	0.398	-10.2#	94	0.00
46 T	Dibromomethane	0.201	0.233	-15.9	95	0.00
47 T	Bromodichloromethane	0.533	0.602	-12.9	95	0.00
48 T	Methyl methacrylate	0.203	0.247	-21.7	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	102	0.00
50 S	Toluene-d8	1.244	1.328	-6.8	101	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.288	-26.3#	95	0.00
52 CM	Toluene	0.955	1.044	-9.3#	91	0.00
53 T	t-1,3-Dichloropropene	0.470	0.542	-15.3	94	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.625	-12.2	92	0.00
55 T	1,1,2-Trichloroethane	0.263	0.310	-17.9	95	0.00
56 T	Ethyl methacrylate	0.335	0.418	-24.8	94	0.00
57 T	1,3-Dichloropropane	0.455	0.528	-16.0	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.191	-23.2	95	0.00
59 T	2-Hexanone	0.151	0.197	-30.5#	94	0.00
60 T	Dibromochloromethane	0.360	0.414	-15.0	95	0.00
61 T	1,2-Dibromoethane	0.248	0.286	-15.3	94	0.00
62 S	4-Bromofluorobenzene	0.423	0.468	-10.6	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.407	0.471	-15.7	105	0.00
65 PM	Chlorobenzene	1.181	1.219	-3.2	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.443	-6.2	95	0.00
67 C	Ethyl Benzene	2.072	2.155	-4.0#	91	0.00
68 T	m/p-Xylenes	0.787	0.832	-5.7	91	0.00
69 T	o-Xylene	0.725	0.776	-7.0	92	0.00
70 T	Styrene	1.203	1.345	-11.8	95	0.00
71 P	Bromoform	0.233	0.268	-15.0	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.939	3.887	1.3	92	0.00
74 T	N-amyl acetate	0.855	0.969	-13.3	97	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.712	-2.4	93	0.00
76 T	1,2,3-Trichloropropane	0.504	0.539	-6.9	104	0.00
77 T	Bromobenzene	0.921	0.921	0.0	95	0.00
78 T	n-propylbenzene	4.783	4.736	1.0	92	0.00
79 T	2-Chlorotoluene	2.735	2.723	0.4	94	0.00
80 T	1,3,5-Trimethylbenzene	3.201	3.222	-0.7	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.230	-3.6	92	0.00
82 T	4-Chlorotoluene	2.832	2.848	-0.6	95	0.00
83 T	tert-Butylbenzene	2.855	2.856	-0.0	93	0.00
84 T	1,2,4-Trimethylbenzene	3.178	3.255	-2.4	95	0.00
85 T	sec-Butylbenzene	4.248	4.186	1.5	91	0.00
86 T	p-Isopropyltoluene	3.500	3.546	-1.3	94	0.00
87 T	1,3-Dichlorobenzene	1.834	1.840	-0.3	97	0.00
88 T	1,4-Dichlorobenzene	1.794	1.814	-1.1	97	0.00
89 T	n-Butylbenzene	3.232	3.309	-2.4	93	0.00
90 T	Hexachloroethane	0.747	0.729	2.4	95	0.00
91 T	1,2-Dichlorobenzene	1.572	1.632	-3.8	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.114	-9.6	100	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.952	-10.8	100	0.00
94 T	Hexachlorobutadiene	0.538	0.561	-4.3	97	0.00
95 T	Naphthalene	1.390	1.668	-20.0	100	0.00

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96 T	1,2,3-Trichlorobenzene	0.722	0.829	-14.8	102	0.00

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