

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
 Data File : VY021882.D
 Acq On : 15 Apr 2025 09:03
 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: Apr 16 02:59:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	106	0.00
2 T	Dichlorodifluoromethane	0.518	0.449	13.3	94	0.00
3 P	Chloromethane	0.729	0.594	18.5	91	0.00
4 C	Vinyl Chloride	0.824	0.700	15.0#	93	0.00
5 T	Bromomethane	0.562	0.471	16.2	97	0.00
6 T	Chloroethane	0.539	0.466	13.5	96	0.00
7 T	Trichlorofluoromethane	1.056	0.960	9.1	100	0.00
8 T	Diethyl Ether	0.287	0.280	2.4	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.532	4.5	105	0.00
10 T	Methyl Iodide	0.611	0.631	-3.3	102	0.00
11 T	Tert butyl alcohol	0.035	0.035	0.0	108	0.00
12 CM	1,1-Dichloroethene	0.524	0.505	3.6#	104	0.00
13 T	Acrolein	0.064	0.014	78.1#	23#	0.00
14 T	Allyl chloride	0.836	0.805	3.7	102	0.00
15 T	Acrylonitrile	0.120	0.120	0.0	105	0.00
16 T	Acetone	0.111	0.098	11.7	97	0.00
17 T	Carbon Disulfide	1.727	1.541	10.8	96	0.00
18 T	Methyl Acetate	0.275	0.334	-21.5	133	0.00
19 T	Methyl tert-butyl Ether	1.306	1.343	-2.8	107	0.00
20 T	Methylene Chloride	0.626	0.570	8.9	107	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.569	1.4	106	0.00
22 T	Diisopropyl ether	1.754	1.757	-0.2	103	0.00
23 T	Vinyl Acetate	1.026	0.987	3.8	98	0.00
24 P	1,1-Dichloroethane	1.049	1.033	1.5	105	0.00
25 T	2-Butanone	0.158	0.154	2.5	103	0.00
26 T	2,2-Dichloropropane	0.933	0.932	0.1	107	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.662	-2.0	108	0.00
28 T	Bromochloromethane	0.442	0.432	2.3	108	0.00
29 T	Tetrahydrofuran	0.102	0.100	2.0	101	0.00
30 C	Chloroform	1.091	1.093	-0.2#	107	0.00
31 T	Cyclohexane	0.956	0.854	10.7	98	0.00
32 T	1,1,1-Trichloroethane	0.986	0.977	0.9	107	0.00
33 S	1,2-Dichloroethane-d4	0.542	0.514	5.2	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35 S	Dibromofluoromethane	0.324	0.329	-1.5	102	0.00
36 T	1,1-Dichloropropene	0.494	0.492	0.4	103	0.00
37 T	Ethyl Acetate	0.233	0.226	3.0	100	0.00
38 T	Carbon Tetrachloride	0.566	0.576	-1.8	107	0.00
39 T	Methylcyclohexane	0.590	0.593	-0.5	100	0.00
40 TM	Benzene	1.479	1.503	-1.6	105	0.00
41 T	Methacrylonitrile	0.124	0.123	0.8	94	-0.01
42 TM	1,2-Dichloroethane	0.417	0.424	-1.7	106	0.00
43 T	Isopropyl Acetate	0.442	0.448	-1.4	104	0.00
44 TM	Trichloroethene	0.377	0.406	-7.7	114	0.00
45 C	1,2-Dichloropropane	0.350	0.360	-2.9#	107	0.00
46 T	Dibromomethane	0.202	0.210	-4.0	111	0.00
47 T	Bromodichloromethane	0.523	0.545	-4.2	109	0.00
48 T	Methyl methacrylate	0.203	0.209	-3.0	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	112	0.00
50 S	Toluene-d8	1.234	1.225	0.7	98	0.00
51 T	4-Methyl-2-Pentanone	0.230	0.244	-6.1	106	0.00
52 CM	Toluene	0.923	0.975	-5.6#	107	0.00
53 T	t-1,3-Dichloropropene	0.465	0.491	-5.6	106	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.568	-3.6	105	0.00
55 T	1,1,2-Trichloroethane	0.260	0.274	-5.4	110	0.00
56 T	Ethyl methacrylate	0.332	0.372	-12.0	107	0.00
57 T	1,3-Dichloropropane	0.449	0.475	-5.8	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.188	-16.0	110	0.00
59 T	2-Hexanone	0.153	0.160	-4.6	103	0.00
60 T	Dibromochloromethane	0.355	0.380	-7.0	109	0.00
61 T	1,2-Dibromoethane	0.244	0.264	-8.2	109	0.00
62 S	4-Bromofluorobenzene	0.417	0.437	-4.8	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.455	0.527	-15.8	123	0.00
65 PM	Chlorobenzene	1.146	1.195	-4.3	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.429	-5.4	109	0.00
67 C	Ethyl Benzene	1.965	2.095	-6.6#	107	0.00
68 T	m/p-Xylenes	0.753	0.807	-7.2	107	0.00
69 T	o-Xylene	0.695	0.766	-10.2	109	0.00
70 T	Styrene	1.158	1.280	-10.5	109	0.00
71 P	Bromoform	0.232	0.251	-8.2	111	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.714	3.916	-5.4	108	0.00
74 T	N-amyl acetate	0.872	0.893	-2.4	103	0.00
75 P	1,1,2,2-Tetrachloroethane	0.668	0.630	5.7	101	0.00
76 T	1,2,3-Trichloropropane	0.496	0.527	-6.3	112	0.00
77 T	Bromobenzene	0.892	0.940	-5.4	111	0.00
78 T	n-propylbenzene	4.465	4.690	-5.0	107	0.00
79 T	2-Chlorotoluene	2.593	2.696	-4.0	107	0.00
80 T	1,3,5-Trimethylbenzene	3.035	3.217	-6.0	108	0.00
81 T	trans-1,4-Dichloro-2-butene	0.215	0.215	0.0	102	0.00
82 T	4-Chlorotoluene	2.704	2.808	-3.8	107	0.00
83 T	tert-Butylbenzene	2.703	2.843	-5.2	107	0.00
84 T	1,2,4-Trimethylbenzene	3.000	3.231	-7.7	109	0.00
85 T	sec-Butylbenzene	3.951	4.203	-6.4	108	0.00
86 T	p-Isopropyltoluene	3.265	3.574	-9.5	110	0.00
87 T	1,3-Dichlorobenzene	1.757	1.839	-4.7	111	0.00
88 T	1,4-Dichlorobenzene	1.736	1.800	-3.7	109	0.00
89 T	n-Butylbenzene	3.020	3.253	-7.7	108	0.00
90 T	Hexachloroethane	0.716	0.731	-2.1	109	0.00
91 T	1,2-Dichlorobenzene	1.529	1.614	-5.6	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.106	-2.9	110	0.00
93 T	1,2,4-Trichlorobenzene	0.829	0.972	-17.2	117	0.00
94 T	Hexachlorobutadiene	0.518	0.587	-13.3	118	0.00
95 T	Naphthalene	1.375	1.704	-23.9	119	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.707	0.843	-19.2	119	0.00

(#) = Out of Range

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