

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
 Data File : VY021935.D
 Acq On : 21 Apr 2025 09:08
 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 22 02:42:46 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	80	0.00
2 T	Dichlorodifluoromethane	0.518	0.422	18.5	67	0.00
3 P	Chloromethane	0.729	0.702	3.7	81	0.00
4 C	Vinyl Chloride	0.824	0.744	9.7#	74	0.00
5 T	Bromomethane	0.562	0.523	6.9	81	0.00
6 T	Chloroethane	0.539	0.517	4.1	81	0.00
7 T	Trichlorofluoromethane	1.056	0.954	9.7	75	0.00
8 T	Diethyl Ether	0.287	0.258	10.1	75	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.523	6.1	78	0.00
10 T	Methyl Iodide	0.611	0.613	-0.3	75	0.00
11 T	Tert butyl alcohol	0.035	0.028	20.0	65	0.02
12 CM	1,1-Dichloroethene	0.524	0.478	8.8#	74	0.00
13 T	Acrolein	0.064	0.008	87.5#	10#	0.00
14 T	Allyl chloride	0.836	0.782	6.5	75	0.00
15 T	Acrylonitrile	0.120	0.112	6.7	74	0.00
16 T	Acetone	0.111	0.094	15.3	70	0.00
17 T	Carbon Disulfide	1.727	1.492	13.6	70	0.00
18 T	Methyl Acetate	0.275	0.378	-37.5#	114	0.00
19 T	Methyl tert-butyl Ether	1.306	1.235	5.4	74	0.00
20 T	Methylene Chloride	0.626	0.563	10.1	80	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.566	1.9	80	0.00
22 T	Diisopropyl ether	1.754	1.759	-0.3	78	0.00
23 T	Vinyl Acetate	1.026	0.899	12.4	67	0.00
24 P	1,1-Dichloroethane	1.049	1.036	1.2	80	0.00
25 T	2-Butanone	0.158	0.139	12.0	70	0.00
26 T	2,2-Dichloropropane	0.933	0.911	2.4	79	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.652	-0.5	80	0.00
28 T	Bromochloromethane	0.442	0.436	1.4	82	0.00
29 T	Tetrahydrofuran	0.102	0.093	8.8	71	0.00
30 C	Chloroform	1.091	1.093	-0.2#	81	0.00
31 T	Cyclohexane	0.956	0.813	15.0	71	0.00
32 T	1,1,1-Trichloroethane	0.986	0.967	1.9	80	0.00
33 S	1,2-Dichloroethane-d4	0.542	0.519	4.2	76	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
35 S	Dibromofluoromethane	0.324	0.345	-6.5	78	0.00
36 T	1,1-Dichloropropene	0.494	0.496	-0.4	76	0.00
37 T	Ethyl Acetate	0.233	0.213	8.6	69	0.00
38 T	Carbon Tetrachloride	0.566	0.586	-3.5	80	0.00
39 T	Methylcyclohexane	0.590	0.573	2.9	71	0.00
40 TM	Benzene	1.479	1.553	-5.0	79	0.00
41 T	Methacrylonitrile	0.124	0.107	13.7	60	0.00
42 TM	1,2-Dichloroethane	0.417	0.437	-4.8	80	0.00
43 T	Isopropyl Acetate	0.442	0.404	8.6	68	0.00
44 TM	Trichloroethene	0.377	0.408	-8.2	83	0.00
45 C	1,2-Dichloropropane	0.350	0.371	-6.0#	81	0.00
46 T	Dibromomethane	0.202	0.214	-5.9	82	0.00
47 T	Bromodichloromethane	0.523	0.556	-6.3	81	0.00
48 T	Methyl methacrylate	0.203	0.202	0.5	73	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	73	0.00
50 S	Toluene-d8	1.234	1.304	-5.7	76	0.00
51 T	4-Methyl-2-Pentanone	0.230	0.234	-1.7	74	0.00
52 CM	Toluene	0.923	1.009	-9.3#	81	0.00
53 T	t-1,3-Dichloropropene	0.465	0.482	-3.7	76	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.572	-4.4	78	0.00
55 T	1,1,2-Trichloroethane	0.260	0.279	-7.3	82	0.00
56 T	Ethyl methacrylate	0.332	0.339	-2.1	71	0.00
57 T	1,3-Dichloropropane	0.449	0.473	-5.3	79	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.181	-11.7	77	0.00
59 T	2-Hexanone	0.153	0.153	0.0	72	0.00
60 T	Dibromochloromethane	0.355	0.390	-9.9	82	0.00
61 T	1,2-Dibromoethane	0.244	0.258	-5.7	78	0.00
62 S	4-Bromofluorobenzene	0.417	0.441	-5.8	77	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
64 T	Tetrachloroethene	0.455	0.511	-12.3	89	0.00
65 PM	Chlorobenzene	1.146	1.190	-3.8	81	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.427	-4.9	81	0.00
67 C	Ethyl Benzene	1.965	2.069	-5.3#	79	0.00
68 T	m/p-Xylenes	0.753	0.805	-6.9	80	0.00
69 T	o-Xylene	0.695	0.744	-7.1	79	0.00
70 T	Styrene	1.158	1.284	-10.9	82	0.00
71 P	Bromoform	0.232	0.245	-5.6	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	3.714	3.710	0.1	79	0.00
74 T	N-amyl acetate	0.872	0.756	13.3	67	0.00
75 P	1,1,2,2-Tetrachloroethane	0.668	0.595	10.9	74	0.00
76 T	1,2,3-Trichloropropane	0.496	0.497	-0.2	82	0.00
77 T	Bromobenzene	0.892	0.893	-0.1	82	0.00
78 T	n-propylbenzene	4.465	4.486	-0.5	80	0.00
79 T	2-Chlorotoluene	2.593	2.602	-0.3	81	0.00
80 T	1,3,5-Trimethylbenzene	3.035	3.079	-1.4	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.215	0.198	7.9	73	0.00
82 T	4-Chlorotoluene	2.704	2.738	-1.3	81	0.00
83 T	tert-Butylbenzene	2.703	2.646	2.1	78	0.00
84 T	1,2,4-Trimethylbenzene	3.000	3.104	-3.5	81	0.00
85 T	sec-Butylbenzene	3.951	3.947	0.1	79	0.00
86 T	p-Isopropyltoluene	3.265	3.396	-4.0	81	0.00
87 T	1,3-Dichlorobenzene	1.757	1.775	-1.0	83	0.00
88 T	1,4-Dichlorobenzene	1.736	1.748	-0.7	82	0.00
89 T	n-Butylbenzene	3.020	3.051	-1.0	79	0.00
90 T	Hexachloroethane	0.716	0.705	1.5	82	0.00
91 T	1,2-Dichlorobenzene	1.529	1.551	-1.4	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.095	7.8	76	0.00
93 T	1,2,4-Trichlorobenzene	0.829	0.868	-4.7	81	0.00
94 T	Hexachlorobutadiene	0.518	0.535	-3.3	84	0.00
95 T	Naphthalene	1.375	1.403	-2.0	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.707	0.728	-3.0	80	0.00

(#) = Out of Range

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