

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022509.D
 Acq On : 02 Jun 2025 19:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 03 04:11:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 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	89	0.00
2 T	Dichlorodifluoromethane	0.448	0.364	18.8	79	0.00
3 P	Chloromethane	1.322	1.248	5.6	91	0.00
4 C	Vinyl Chloride	1.534	1.491	2.8#	89	0.00
5 T	Bromomethane	1.470	1.185	19.4	85	0.00
6 T	Chloroethane	1.053	0.980	6.9	91	0.00
7 T	Trichlorofluoromethane	1.302	1.216	6.6	89	0.00
8 T	Diethyl Ether	0.293	0.290	1.0	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.487	11.3	81	0.00
10 T	Methyl Iodide	0.594	0.564	5.1	78	0.00
11 T	Tert butyl alcohol	0.040	0.041	-2.5	93	-0.01
12 CM	1,1-Dichloroethene	0.524	0.480	8.4#	83	0.00
13 T	Acrolein	0.050	0.046	8.0	86	0.00
14 T	Allyl chloride	0.823	0.757	8.0	84	0.00
15 T	Acrylonitrile	0.124	0.128	-3.2	91	0.00
16 T	Acetone	0.114	0.094	17.5	72	0.00
17 T	Carbon Disulfide	1.679	1.544	8.0	83	0.00
18 T	Methyl Acetate	0.336	0.383	-14.0	103	0.00
19 T	Methyl tert-butyl Ether	1.477	1.442	2.4	88	0.00
20 T	Methylene Chloride	0.645	0.596	7.6	93	0.00
21 T	trans-1,2-Dichloroethene	0.587	0.542	7.7	85	0.00
22 T	Diisopropyl ether	1.832	1.731	5.5	85	0.00
23 T	Vinyl Acetate	1.084	1.023	5.6	84	0.00
24 P	1,1-Dichloroethane	1.079	1.019	5.6	86	0.00
25 T	2-Butanone	0.164	0.161	1.8	86	0.00
26 T	2,2-Dichloropropane	0.954	0.819	14.2	77	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.652	3.8	85	0.00
28 T	Bromochloromethane	0.471	0.467	0.8	92	0.00
29 T	Tetrahydrofuran	0.106	0.108	-1.9	93	0.00
30 C	Chloroform	1.069	1.034	3.3#	87	0.00
31 T	Cyclohexane	1.075	0.904	15.9	80	0.00
32 T	1,1,1-Trichloroethane	0.949	0.891	6.1	84	0.00
33 S	1,2-Dichloroethane-d4	0.559	0.564	-0.9	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.298	0.292	2.0	83	0.00
36 T	1,1-Dichloropropene	0.484	0.439	9.3	82	0.00
37 T	Ethyl Acetate	0.216	0.217	-0.5	86	0.00
38 T	Carbon Tetrachloride	0.497	0.453	8.9	81	0.00
39 T	Methylcyclohexane	0.651	0.580	10.9	80	0.00
40 TM	Benzene	1.431	1.366	4.5	86	0.00
41 T	Methacrylonitrile	0.126	0.122	3.2	89	0.00
42 TM	1,2-Dichloroethane	0.391	0.384	1.8	89	0.00
43 T	Isopropyl Acetate	0.467	0.463	0.9	88	0.00
44 TM	Trichloroethene	0.350	0.331	5.4	85	0.00
45 C	1,2-Dichloropropane	0.338	0.330	2.4#	87	0.00
46 T	Dibromomethane	0.190	0.187	1.6	88	0.00
47 T	Bromodichloromethane	0.482	0.467	3.1	86	0.00
48 T	Methyl methacrylate	0.219	0.216	1.4	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	96	0.00
50 S	Toluene-d8	1.206	1.183	1.9	84	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.242	-3.9	90	0.00
52 CM	Toluene	0.899	0.858	4.6#	86	0.00
53 T	t-1,3-Dichloropropene	0.452	0.437	3.3	86	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.501	4.8	85	0.00
55 T	1,1,2-Trichloroethane	0.243	0.236	2.9	89	0.00
56 T	Ethyl methacrylate	0.351	0.349	0.6	87	0.00
57 T	1,3-Dichloropropane	0.430	0.430	0.0	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.167	-5.0	95	0.00
59 T	2-Hexanone	0.156	0.160	-2.6	90	0.00
60 T	Dibromochloromethane	0.308	0.306	0.6	88	0.00
61 T	1,2-Dibromoethane	0.221	0.223	-0.9	91	0.00
62 S	4-Bromofluorobenzene	0.359	0.351	2.2	86	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.430	0.404	6.0	86	0.00
65 PM	Chlorobenzene	1.106	1.026	7.2	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.350	6.2	86	0.00
67 C	Ethyl Benzene	2.052	1.875	8.6#	84	0.00
68 T	m/p-Xylenes	0.778	0.716	8.0	85	0.00
69 T	o-Xylene	0.729	0.671	8.0	85	0.00
70 T	Styrene	1.206	1.137	5.7	86	0.00
71 P	Bromoform	0.198	0.192	3.0	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	4.105	3.543	13.7	84	0.00
74 T	N-amyl acetate	1.036	0.934	9.8	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.621	7.9	89	0.00
76 T	1,2,3-Trichloropropane	0.572	0.483	15.6	75	0.00
77 T	Bromobenzene	0.866	0.761	12.1	86	0.00
78 T	n-propylbenzene	5.014	4.284	14.6	82	0.00
79 T	2-Chlorotoluene	2.657	2.299	13.5	84	0.00
80 T	1,3,5-Trimethylbenzene	3.223	2.820	12.5	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.214	9.7	89	0.00
82 T	4-Chlorotoluene	2.741	2.382	13.1	84	0.00
83 T	tert-Butylbenzene	2.893	2.502	13.5	84	0.00
84 T	1,2,4-Trimethylbenzene	3.223	2.837	12.0	86	0.00
85 T	sec-Butylbenzene	4.430	3.809	14.0	83	0.00
86 T	p-Isopropyltoluene	3.652	3.149	13.8	84	0.00
87 T	1,3-Dichlorobenzene	1.755	1.533	12.6	86	0.00
88 T	1,4-Dichlorobenzene	1.702	1.499	11.9	86	0.00
89 T	n-Butylbenzene	3.464	2.997	13.5	83	0.00
90 T	Hexachloroethane	0.711	0.632	11.1	86	0.00
91 T	1,2-Dichlorobenzene	1.490	1.334	10.5	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.093	5.1	86	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.713	12.3	85	0.00
94 T	Hexachlorobutadiene	0.449	0.392	12.7	85	0.00
95 T	Naphthalene	1.560	1.480	5.1	89	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.619	11.2	86	0.00

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