

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022614.D
 Acq On : 09 Jun 2025 08:24
 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: Jun 10 01:22:48 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	91	0.00
2 T	Dichlorodifluoromethane	0.448	0.419	6.5	93	0.00
3 P	Chloromethane	1.322	1.126	14.8	84	0.00
4 C	Vinyl Chloride	1.534	1.558	-1.6#	95	0.00
5 T	Bromomethane	1.470	1.210	17.7	89	0.00
6 T	Chloroethane	1.053	1.102	-4.7	104	0.00
7 T	Trichlorofluoromethane	1.302	1.350	-3.7	101	0.00
8 T	Diethyl Ether	0.293	0.284	3.1	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.546	0.5	93	0.00
10 T	Methyl Iodide	0.594	0.600	-1.0	85	0.00
11 T	Tert butyl alcohol	0.040	0.038	5.0	88	-0.01
12 CM	1,1-Dichloroethene	0.524	0.537	-2.5#	95	0.00
13 T	Acrolein	0.050	0.025	50.0#	49#	0.00
14 T	Allyl chloride	0.823	0.844	-2.6	96	0.00
15 T	Acrylonitrile	0.124	0.121	2.4	88	0.00
16 T	Acetone	0.114	0.115	-0.9	91	0.00
17 T	Carbon Disulfide	1.679	1.679	0.0	92	0.00
18 T	Methyl Acetate	0.336	0.359	-6.8	99	0.00
19 T	Methyl tert-butyl Ether	1.477	1.443	2.3	90	0.00
20 T	Methylene Chloride	0.645	0.614	4.8	98	0.00
21 T	trans-1,2-Dichloroethene	0.587	0.600	-2.2	96	0.00
22 T	Diisopropyl ether	1.832	1.883	-2.8	95	0.00
23 T	Vinyl Acetate	1.084	1.052	3.0	89	0.00
24 P	1,1-Dichloroethane	1.079	1.136	-5.3	98	0.00
25 T	2-Butanone	0.164	0.162	1.2	88	0.00
26 T	2,2-Dichloropropane	0.954	1.034	-8.4	100	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.704	-3.8	94	0.00
28 T	Bromochloromethane	0.471	0.497	-5.5	100	0.00
29 T	Tetrahydrofuran	0.106	0.100	5.7	87	0.00
30 C	Chloroform	1.069	1.138	-6.5#	98	0.00
31 T	Cyclohexane	1.075	1.017	5.4	92	0.00
32 T	1,1,1-Trichloroethane	0.949	1.014	-6.8	98	0.00
33 S	1,2-Dichloroethane-d4	0.559	0.561	-0.4	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.298	0.324	-8.7	91	0.00
36 T	1,1-Dichloropropene	0.484	0.520	-7.4	97	0.00
37 T	Ethyl Acetate	0.216	0.205	5.1	81	0.00
38 T	Carbon Tetrachloride	0.497	0.530	-6.6	94	0.00
39 T	Methylcyclohexane	0.651	0.655	-0.6	90	0.00
40 TM	Benzene	1.431	1.546	-8.0	97	0.00
41 T	Methacrylonitrile	0.126	0.109	13.5	79	-0.01
42 TM	1,2-Dichloroethane	0.391	0.409	-4.6	95	0.00
43 T	Isopropyl Acetate	0.467	0.450	3.6	85	0.00
44 TM	Trichloroethene	0.350	0.379	-8.3	96	0.00
45 C	1,2-Dichloropropane	0.338	0.365	-8.0#	96	0.00
46 T	Dibromomethane	0.190	0.197	-3.7	92	0.00
47 T	Bromodichloromethane	0.482	0.515	-6.8	95	0.00
48 T	Methyl methacrylate	0.219	0.222	-1.4	90	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	-0.01
50 S	Toluene-d8	1.206	1.278	-6.0	90	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.230	1.3	86	0.00
52 CM	Toluene	0.899	0.963	-7.1#	96	0.00
53 T	t-1,3-Dichloropropene	0.452	0.482	-6.6	94	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.563	-7.0	95	0.00
55 T	1,1,2-Trichloroethane	0.243	0.250	-2.9	93	0.00
56 T	Ethyl methacrylate	0.351	0.339	3.4	84	0.00
57 T	1,3-Dichloropropane	0.430	0.441	-2.6	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.169	-6.3	96	0.00
59 T	2-Hexanone	0.156	0.154	1.3	86	0.00
60 T	Dibromochloromethane	0.308	0.320	-3.9	92	0.00
61 T	1,2-Dibromoethane	0.221	0.231	-4.5	94	0.00
62 S	4-Bromofluorobenzene	0.359	0.376	-4.7	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.430	0.466	-8.4	98	0.00
65 PM	Chlorobenzene	1.106	1.149	-3.9	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.394	-5.6	95	0.00
67 C	Ethyl Benzene	2.052	2.194	-6.9#	96	0.00
68 T	m/p-Xylenes	0.778	0.819	-5.3	96	0.00
69 T	o-Xylene	0.729	0.767	-5.2	96	0.00
70 T	Styrene	1.206	1.278	-6.0	95	0.00
71 P	Bromoform	0.198	0.199	-0.5	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	4.105	4.291	-4.5	95	0.00
74 T	N-amyl acetate	1.036	0.996	3.9	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.660	2.1	88	0.00
76 T	1,2,3-Trichloropropane	0.572	0.554	3.1	80	0.00
77 T	Bromobenzene	0.866	0.887	-2.4	93	0.00
78 T	n-propylbenzene	5.014	5.237	-4.4	94	0.00
79 T	2-Chlorotoluene	2.657	2.763	-4.0	94	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.393	-5.3	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.241	-1.7	94	0.00
82 T	4-Chlorotoluene	2.741	2.833	-3.4	93	0.00
83 T	tert-Butylbenzene	2.893	3.007	-3.9	95	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.365	-4.4	96	0.00
85 T	sec-Butylbenzene	4.430	4.653	-5.0	95	0.00
86 T	p-Isopropyltoluene	3.652	3.793	-3.9	95	0.00
87 T	1,3-Dichlorobenzene	1.755	1.824	-3.9	96	0.00
88 T	1,4-Dichlorobenzene	1.702	1.764	-3.6	95	0.00
89 T	n-Butylbenzene	3.464	3.671	-6.0	95	0.00
90 T	Hexachloroethane	0.711	0.744	-4.6	95	0.00
91 T	1,2-Dichlorobenzene	1.490	1.539	-3.3	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.099	-1.0	86	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.834	-2.6	93	0.00
94 T	Hexachlorobutadiene	0.449	0.459	-2.2	94	0.00
95 T	Naphthalene	1.560	1.512	3.1	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.683	2.0	89	0.00

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