

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
 Data File : VY022757.D
 Acq On : 19 Jun 2025 15:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 20 03:01:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 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	60	0.00
2 T	Dichlorodifluoromethane	0.448	0.387	13.6	56	0.00
3 P	Chloromethane	1.322	1.107	16.3	54	0.00
4 C	Vinyl Chloride	1.534	1.623	-5.8#	65	0.00
5 T	Bromomethane	1.470	1.266	13.9	61	0.00
6 T	Chloroethane	1.053	1.197	-13.7	75	0.00
7 T	Trichlorofluoromethane	1.302	1.501	-15.3	74	-0.01
8 T	Diethyl Ether	0.293	0.301	-2.7	62	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.563	-2.6	63	0.00
10 T	Methyl Iodide	0.594	0.596	-0.3	56	0.00
11 T	Tert butyl alcohol	0.040	0.041	-2.5	63	-0.03
12 CM	1,1-Dichloroethene	0.524	0.537	-2.5#	62	-0.01
13 T	Acrolein	0.050	0.014	72.0#	17#	0.00
14 T	Allyl chloride	0.823	0.799	2.9	60	0.00
15 T	Acrylonitrile	0.124	0.136	-9.7	65	0.00
16 T	Acetone	0.114	0.123	-7.9	64	-0.01
17 T	Carbon Disulfide	1.679	1.562	7.0	57	-0.01
18 T	Methyl Acetate	0.336	0.421	-25.3#	76	-0.01
19 T	Methyl tert-butyl Ether	1.477	1.536	-4.0	63	-0.02
20 T	Methylene Chloride	0.645	0.641	0.6	67	-0.01
21 T	trans-1,2-Dichloroethene	0.587	0.621	-5.8	66	-0.01
22 T	Diisopropyl ether	1.832	1.903	-3.9	63	0.00
23 T	Vinyl Acetate	1.084	1.080	0.4	60	-0.01
24 P	1,1-Dichloroethane	1.079	1.173	-8.7	67	-0.01
25 T	2-Butanone	0.164	0.175	-6.7	63	-0.01
26 T	2,2-Dichloropropane	0.954	0.987	-3.5	63	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.734	-8.3	65	0.00
28 T	Bromochloromethane	0.471	0.518	-10.0	69	0.00
29 T	Tetrahydrofuran	0.106	0.116	-9.4	67	0.00
30 C	Chloroform	1.069	1.207	-12.9#	69	0.00
31 T	Cyclohexane	1.075	0.987	8.2	59	0.00
32 T	1,1,1-Trichloroethane	0.949	1.039	-9.5	66	0.00
33 S	1,2-Dichloroethane-d4	0.559	0.616	-10.2	63	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	60	0.00
35 S	Dibromofluoromethane	0.298	0.331	-11.1	62	0.00
36 T	1,1-Dichloropropene	0.484	0.512	-5.8	64	0.00
37 T	Ethyl Acetate	0.216	0.234	-8.3	62	-0.01
38 T	Carbon Tetrachloride	0.497	0.536	-7.8	64	0.00
39 T	Methylcyclohexane	0.651	0.638	2.0	59	0.00
40 TM	Benzene	1.431	1.569	-9.6	66	0.00
41 T	Methacrylonitrile	0.126	0.123	2.4	60	-0.01
42 TM	1,2-Dichloroethane	0.391	0.443	-13.3	69	0.00
43 T	Isopropyl Acetate	0.467	0.492	-5.4	62	0.00
44 TM	Trichloroethene	0.350	0.385	-10.0	65	0.00
45 C	1,2-Dichloropropane	0.338	0.382	-13.0#	67	0.00
46 T	Dibromomethane	0.190	0.215	-13.2	67	0.00
47 T	Bromodichloromethane	0.482	0.551	-14.3	68	0.00
48 T	Methyl methacrylate	0.219	0.227	-3.7	62	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	63	-0.02
50 S	Toluene-d8	1.206	1.304	-8.1	62	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.264	-13.3	66	0.00
52 CM	Toluene	0.899	0.980	-9.0#	65	0.00
53 T	t-1,3-Dichloropropene	0.452	0.491	-8.6	64	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.572	-8.7	64	0.00
55 T	1,1,2-Trichloroethane	0.243	0.278	-14.4	69	0.00
56 T	Ethyl methacrylate	0.351	0.370	-5.4	62	0.00
57 T	1,3-Dichloropropane	0.430	0.484	-12.6	67	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.187	-17.6	71	0.00
59 T	2-Hexanone	0.156	0.172	-10.3	64	0.00
60 T	Dibromochloromethane	0.308	0.354	-14.9	68	0.00
61 T	1,2-Dibromoethane	0.221	0.248	-12.2	67	0.00
62 S	4-Bromofluorobenzene	0.359	0.379	-5.6	62	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	61	0.00
64 T	Tetrachloroethene	0.430	0.537	-24.9	75	0.00
65 PM	Chlorobenzene	1.106	1.187	-7.3	65	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.410	-9.9	67	0.00
67 C	Ethyl Benzene	2.052	2.200	-7.2#	65	0.00
68 T	m/p-Xylenes	0.778	0.846	-8.7	66	0.00
69 T	o-Xylene	0.729	0.785	-7.7	66	0.00
70 T	Styrene	1.206	1.326	-10.0	66	0.00
71 P	Bromoform	0.198	0.217	-9.6	66	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	65	0.00
73 T	Isopropylbenzene	4.105	4.126	-0.5	65	0.00
74 T	N-amyl acetate	1.036	0.996	3.9	61	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.682	-1.2	65	0.00
76 T	1,2,3-Trichloropropane	0.572	0.594	-3.8	62	0.00
77 T	Bromobenzene	0.866	0.869	-0.3	65	0.00
78 T	n-propylbenzene	5.014	5.074	-1.2	65	0.00
79 T	2-Chlorotoluene	2.657	2.658	-0.0	65	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.236	-0.4	65	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.222	6.3	62	0.00
82 T	4-Chlorotoluene	2.741	2.741	0.0	65	0.00
83 T	tert-Butylbenzene	2.893	2.881	0.4	65	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.285	-1.9	67	0.00
85 T	sec-Butylbenzene	4.430	4.473	-1.0	65	0.00
86 T	p-Isopropyltoluene	3.652	3.746	-2.6	67	0.00
87 T	1,3-Dichlorobenzene	1.755	1.819	-3.6	69	0.00
88 T	1,4-Dichlorobenzene	1.702	1.768	-3.9	68	0.00
89 T	n-Butylbenzene	3.464	3.574	-3.2	66	0.00
90 T	Hexachloroethane	0.711	0.737	-3.7	67	0.00
91 T	1,2-Dichlorobenzene	1.490	1.543	-3.6	67	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.107	-9.2	66	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.844	-3.8	68	0.00
94 T	Hexachlorobutadiene	0.449	0.481	-7.1	70	0.00
95 T	Naphthalene	1.560	1.613	-3.4	65	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.735	-5.5	69	0.00

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