

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061325\
 Data File : VY022682.D
 Acq On : 13 Jun 2025 08:36
 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 14 01:59:01 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	72	0.00
2 T	Dichlorodifluoromethane	0.448	0.413	7.8	72	0.00
3 P	Chloromethane	1.322	1.201	9.2	70	0.00
4 C	Vinyl Chloride	1.534	1.789	-16.6#	86	0.00
5 T	Bromomethane	1.470	1.389	5.5	81	0.00
6 T	Chloroethane	1.053	1.284	-21.9	96	0.00
7 T	Trichlorofluoromethane	1.302	1.643	-26.2#	97	0.00
8 T	Diethyl Ether	0.293	0.308	-5.1	77	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.588	-7.1	79	-0.01
10 T	Methyl Iodide	0.594	0.623	-4.9	70	0.00
11 T	Tert butyl alcohol	0.040	0.041	-2.5	76	-0.02
12 CM	1,1-Dichloroethene	0.524	0.554	-5.7#	77	-0.01
13 T	Acrolein	0.050	0.020	60.0#	30#	0.00
14 T	Allyl chloride	0.823	0.839	-1.9	75	0.00
15 T	Acrylonitrile	0.124	0.131	-5.6	75	0.00
16 T	Acetone	0.114	0.129	-13.2	81	-0.01
17 T	Carbon Disulfide	1.679	1.676	0.2	73	0.00
18 T	Methyl Acetate	0.336	0.353	-5.1	77	-0.01
19 T	Methyl tert-butyl Ether	1.477	1.542	-4.4	76	-0.02
20 T	Methylene Chloride	0.645	0.645	0.0	81	-0.01
21 T	trans-1,2-Dichloroethene	0.587	0.623	-6.1	79	-0.01
22 T	Diisopropyl ether	1.832	1.961	-7.0	78	-0.01
23 T	Vinyl Acetate	1.084	1.111	-2.5	74	-0.01
24 P	1,1-Dichloroethane	1.079	1.187	-10.0	81	0.00
25 T	2-Butanone	0.164	0.176	-7.3	76	0.00
26 T	2,2-Dichloropropane	0.954	1.056	-10.7	81	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.746	-10.0	79	-0.01
28 T	Bromochloromethane	0.471	0.466	1.1	74	-0.01
29 T	Tetrahydrofuran	0.106	0.110	-3.8	76	0.00
30 C	Chloroform	1.069	1.193	-11.6#	81	-0.01
31 T	Cyclohexane	1.075	1.023	4.8	73	0.00
32 T	1,1,1-Trichloroethane	0.949	1.053	-11.0	80	0.00
33 S	1,2-Dichloroethane-d4	0.559	0.577	-3.2	71	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
35 S	Dibromofluoromethane	0.298	0.314	-5.4	71	0.00
36 T	1,1-Dichloropropene	0.484	0.525	-8.5	79	0.00
37 T	Ethyl Acetate	0.216	0.224	-3.7	71	-0.01
38 T	Carbon Tetrachloride	0.497	0.542	-9.1	78	0.00
39 T	Methylcyclohexane	0.651	0.663	-1.8	74	0.00
40 TM	Benzene	1.431	1.574	-10.0	80	0.00
41 T	Methacrylonitrile	0.126	0.140	-11.1	82	-0.01
42 TM	1,2-Dichloroethane	0.391	0.423	-8.2	79	-0.01
43 T	Isopropyl Acetate	0.467	0.485	-3.9	74	0.00
44 TM	Trichloroethene	0.350	0.386	-10.3	79	0.00
45 C	1,2-Dichloropropane	0.338	0.372	-10.1#	79	0.00
46 T	Dibromomethane	0.190	0.207	-8.9	78	0.00
47 T	Bromodichloromethane	0.482	0.536	-11.2	80	0.00
48 T	Methyl methacrylate	0.219	0.217	0.9	71	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061325\
 Data File : VY022682.D
 Acq On : 13 Jun 2025 08:36
 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 14 01:59:01 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)
49 T	1,4-Dioxane	0.002	0.002	0.0	80	-0.02
50 S	Toluene-d8	1.206	1.294	-7.3	74	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.251	-7.7	75	0.00
52 CM	Toluene	0.899	1.000	-11.2#	81	0.00
53 T	t-1,3-Dichloropropene	0.452	0.485	-7.3	77	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.580	-10.3	79	0.00
55 T	1,1,2-Trichloroethane	0.243	0.271	-11.5	82	0.00
56 T	Ethyl methacrylate	0.351	0.374	-6.6	75	0.00
57 T	1,3-Dichloropropane	0.430	0.466	-8.4	78	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.172	-8.2	79	0.00
59 T	2-Hexanone	0.156	0.170	-9.0	77	0.00
60 T	Dibromochloromethane	0.308	0.342	-11.0	79	0.00
61 T	1,2-Dibromoethane	0.221	0.245	-10.9	80	0.00
62 S	4-Bromofluorobenzene	0.359	0.371	-3.3	73	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
64 T	Tetrachloroethene	0.430	0.545	-26.7#	91	0.00
65 PM	Chlorobenzene	1.106	1.225	-10.8	80	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.421	-12.9	81	0.00
67 C	Ethyl Benzene	2.052	2.285	-11.4#	80	0.00
68 T	m/p-Xylenes	0.778	0.868	-11.6	80	0.00
69 T	o-Xylene	0.729	0.815	-11.8	81	0.00
70 T	Styrene	1.206	1.377	-14.2	81	0.00
71 P	Bromoform	0.198	0.218	-10.1	79	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
73 T	Isopropylbenzene	4.105	4.439	-8.1	80	0.00
74 T	N-amyl acetate	1.036	1.061	-2.4	74	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.659	2.2	72	0.00
76 T	1,2,3-Trichloropropane	0.572	0.540	5.6	64	0.00
77 T	Bromobenzene	0.866	0.936	-8.1	81	0.00
78 T	n-propylbenzene	5.014	5.461	-8.9	80	0.00
79 T	2-Chlorotoluene	2.657	2.869	-8.0	80	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.487	-8.2	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.238	-0.4	76	0.00
82 T	4-Chlorotoluene	2.741	2.930	-6.9	79	0.00
83 T	tert-Butylbenzene	2.893	3.155	-9.1	81	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.455	-7.2	80	0.00
85 T	sec-Butylbenzene	4.430	4.797	-8.3	80	0.00
86 T	p-Isopropyltoluene	3.652	3.974	-8.8	81	0.00
87 T	1,3-Dichlorobenzene	1.755	1.894	-7.9	82	0.00
88 T	1,4-Dichlorobenzene	1.702	1.856	-9.0	81	0.00
89 T	n-Butylbenzene	3.464	3.820	-10.3	81	0.00
90 T	Hexachloroethane	0.711	0.774	-8.9	81	0.00
91 T	1,2-Dichlorobenzene	1.490	1.645	-10.4	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.107	-9.2	76	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.909	-11.8	83	0.00
94 T	Hexachlorobutadiene	0.449	0.492	-9.6	82	0.00
95 T	Naphthalene	1.560	1.676	-7.4	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061325\
Data File : VY022682.D
Acq On : 13 Jun 2025 08:36
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 14 01:59:01 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)
96 T	1,2,3-Trichlorobenzene	0.697	0.765	-9.8	82	0.00

(#) = Out of Range

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