

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021472.D
 Acq On : 07 Mar 2025 19:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 07 22:04:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 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	68	0.00
2 T	Dichlorodifluoromethane	0.459	0.418	8.9	63	0.00
3 P	Chloromethane	0.647	0.724	-11.9	80	0.00
4 C	Vinyl Chloride	0.707	0.772	-9.2#	76	0.00
5 T	Bromomethane	0.511	0.536	-4.9	78	-0.01
6 T	Chloroethane	0.467	0.555	-18.8	82	0.00
7 T	Trichlorofluoromethane	0.987	1.010	-2.3	71	-0.01
8 T	Diethyl Ether	0.273	0.310	-13.6	75	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.548	2.7	69	-0.02
10 T	Methyl Iodide	0.573	0.677	-18.2	73	0.00
11 T	Tert butyl alcohol	0.041	0.036	12.2	65	0.00
12 CM	1,1-Dichloroethene	0.514	0.513	0.2#	69	-0.01
13 T	Acrolein	0.027	0.005	81.5#	69	-0.02
14 T	Allyl chloride	0.830	0.873	-5.2	70	-0.01
15 T	Acrylonitrile	0.116	0.135	-16.4	74	0.00
16 T	Acetone	0.115	0.106	7.8	54	0.00
17 T	Carbon Disulfide	1.610	1.657	-2.9	69	-0.01
18 T	Methyl Acetate	0.256	0.347	-35.5#	83	-0.01
19 T	Methyl tert-butyl Ether	1.302	1.462	-12.3	73	0.00
20 T	Methylene Chloride	0.605	0.652	-7.8	80	0.00
21 T	trans-1,2-Dichloroethene	0.575	0.617	-7.3	74	-0.02
22 T	Diisopropyl ether	1.789	2.103	-17.6	77	0.00
23 T	Vinyl Acetate	1.021	1.173	-14.9	72	-0.01
24 P	1,1-Dichloroethane	1.056	1.194	-13.1	77	-0.01
25 T	2-Butanone	0.159	0.172	-8.2	65	0.00
26 T	2,2-Dichloropropane	0.971	0.751	22.7	54	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.741	-13.5	77	0.00
28 T	Bromochloromethane	0.443	0.579	-30.7#	84	0.00
29 T	Tetrahydrofuran	0.098	0.119	-21.4	73	0.00
30 C	Chloroform	1.096	1.249	-14.0#	78	0.00
31 T	Cyclohexane	0.990	0.921	7.0	67	0.00
32 T	1,1,1-Trichloroethane	1.004	1.056	-5.2	73	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.701	-32.8#	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.329	0.409	-24.3	100	0.00
36 T	1,1-Dichloropropene	0.514	0.507	1.4	71	0.00
37 T	Ethyl Acetate	0.227	0.251	-10.6	73	0.00
38 T	Carbon Tetrachloride	0.592	0.577	2.5	71	0.00
39 T	Methylcyclohexane	0.631	0.586	7.1	65	0.00
40 TM	Benzene	1.515	1.626	-7.3	76	0.00
41 T	Methacrylonitrile	0.124	0.132	-6.5	73	0.00
42 TM	1,2-Dichloroethane	0.424	0.472	-11.3	78	0.00
43 T	Isopropyl Acetate	0.441	0.488	-10.7	73	0.00
44 TM	Trichloroethene	0.383	0.394	-2.9	75	0.00
45 C	1,2-Dichloropropane	0.361	0.395	-9.4#	78	0.00
46 T	Dibromomethane	0.201	0.223	-10.9	76	0.00
47 T	Bromodichloromethane	0.533	0.594	-11.4	78	0.00
48 T	Methyl methacrylate	0.203	0.233	-14.8	74	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	78	0.00
50 S	Toluene-d8	1.244	1.513	-21.6	96	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.267	-17.1	73	0.00
52 CM	Toluene	0.955	1.029	-7.7#	75	0.00
53 T	t-1,3-Dichloropropene	0.470	0.489	-4.0	71	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.571	-2.5	70	0.00
55 T	1,1,2-Trichloroethane	0.263	0.294	-11.8	75	0.00
56 T	Ethyl methacrylate	0.335	0.386	-15.2	73	0.00
57 T	1,3-Dichloropropane	0.455	0.515	-13.2	78	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.193	-24.5	80	0.00
59 T	2-Hexanone	0.151	0.174	-15.2	69	0.00
60 T	Dibromochloromethane	0.360	0.400	-11.1	77	0.00
61 T	1,2-Dibromoethane	0.248	0.276	-11.3	76	0.00
62 S	4-Bromofluorobenzene	0.423	0.537	-27.0#	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
64 T	Tetrachloroethene	0.407	0.438	-7.6	82	0.00
65 PM	Chlorobenzene	1.181	1.189	-0.7	76	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.424	-1.7	76	0.00
67 C	Ethyl Benzene	2.072	2.073	-0.0#	74	0.00
68 T	m/p-Xylenes	0.787	0.797	-1.3	74	0.00
69 T	o-Xylene	0.725	0.746	-2.9	75	0.00
70 T	Styrene	1.203	1.280	-6.4	76	0.00
71 P	Bromoform	0.233	0.243	-4.3	74	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
73 T	Isopropylbenzene	3.939	3.688	6.4	72	0.00
74 T	N-amyl acetate	0.855	0.865	-1.2	72	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.678	2.4	74	0.00
76 T	1,2,3-Trichloropropane	0.504	0.495	1.8	80	0.00
77 T	Bromobenzene	0.921	0.888	3.6	76	0.00
78 T	n-propylbenzene	4.783	4.496	6.0	73	0.00
79 T	2-Chlorotoluene	2.735	2.632	3.8	76	0.00
80 T	1,3,5-Trimethylbenzene	3.201	3.093	3.4	75	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.176	20.7	59	0.00
82 T	4-Chlorotoluene	2.832	2.750	2.9	76	0.00
83 T	tert-Butylbenzene	2.855	2.706	5.2	73	0.00
84 T	1,2,4-Trimethylbenzene	3.178	3.100	2.5	75	0.00
85 T	sec-Butylbenzene	4.248	3.950	7.0	72	0.00
86 T	p-Isopropyltoluene	3.500	3.309	5.5	73	0.00
87 T	1,3-Dichlorobenzene	1.834	1.737	5.3	76	0.00
88 T	1,4-Dichlorobenzene	1.794	1.706	4.9	76	0.00
89 T	n-Butylbenzene	3.232	3.027	6.3	71	0.00
90 T	Hexachloroethane	0.747	0.703	5.9	76	0.00
91 T	1,2-Dichlorobenzene	1.572	1.538	2.2	77	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.104	0.0	76	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.815	5.1	71	0.00
94 T	Hexachlorobutadiene	0.538	0.485	9.9	70	0.00
95 T	Naphthalene	1.390	1.423	-2.4	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.707	2.1	72	0.00

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