

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021451.D
 Acq On : 07 Mar 2025 09:59
 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: Mar 07 21:59:36 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	90	0.00
2 T	Dichlorodifluoromethane	0.459	0.437	4.8	88	0.00
3 P	Chloromethane	0.647	0.662	-2.3	97	0.00
4 C	Vinyl Chloride	0.707	0.776	-9.8#	102	0.00
5 T	Bromomethane	0.511	0.511	0.0	99	0.00
6 T	Chloroethane	0.467	0.546	-16.9	107	0.00
7 T	Trichlorofluoromethane	0.987	1.164	-17.9	109	0.00
8 T	Diethyl Ether	0.273	0.270	1.1	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.577	-2.5	97	-0.01
10 T	Methyl Iodide	0.573	0.613	-7.0	88	0.00
11 T	Tert butyl alcohol	0.041	0.030	26.8#	72	0.00
12 CM	1,1-Dichloroethene	0.514	0.513	0.2#	92	0.00
13 T	Acrolein	0.027	0.004	85.2#	77	-0.01
14 T	Allyl chloride	0.830	0.858	-3.4	92	-0.01
15 T	Acrylonitrile	0.116	0.115	0.9	84	0.00
16 T	Acetone	0.115	0.121	-5.2	82	0.00
17 T	Carbon Disulfide	1.610	1.632	-1.4	90	-0.01
18 T	Methyl Acetate	0.256	0.280	-9.4	89	0.00
19 T	Methyl tert-butyl Ether	1.302	1.304	-0.2	86	0.00
20 T	Methylene Chloride	0.605	0.575	5.0	94	0.00
21 T	trans-1,2-Dichloroethene	0.575	0.587	-2.1	94	-0.01
22 T	Diisopropyl ether	1.789	1.908	-6.7	93	0.00
23 T	Vinyl Acetate	1.021	1.058	-3.6	86	-0.01
24 P	1,1-Dichloroethane	1.056	1.095	-3.7	94	-0.01
25 T	2-Butanone	0.159	0.163	-2.5	82	0.00
26 T	2,2-Dichloropropane	0.971	0.992	-2.2	96	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.675	-3.4	93	0.00
28 T	Bromochloromethane	0.443	0.448	-1.1	87	0.00
29 T	Tetrahydrofuran	0.098	0.098	0.0	80	0.00
30 C	Chloroform	1.096	1.152	-5.1#	96	0.00
31 T	Cyclohexane	0.990	0.981	0.9	94	0.00
32 T	1,1,1-Trichloroethane	1.004	1.033	-2.9	96	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.557	-5.5	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.329	0.352	-7.0	107	0.00
36 T	1,1-Dichloropropene	0.514	0.545	-6.0	95	0.00
37 T	Ethyl Acetate	0.227	0.232	-2.2	84	0.00
38 T	Carbon Tetrachloride	0.592	0.617	-4.2	95	0.00
39 T	Methylcyclohexane	0.631	0.679	-7.6	94	0.00
40 TM	Benzene	1.515	1.595	-5.3	93	0.00
41 T	Methacrylonitrile	0.124	0.118	4.8	81	0.00
42 TM	1,2-Dichloroethane	0.424	0.448	-5.7	92	0.00
43 T	Isopropyl Acetate	0.441	0.443	-0.5	83	0.00
44 TM	Trichloroethene	0.383	0.395	-3.1	93	0.00
45 C	1,2-Dichloropropane	0.361	0.384	-6.4#	94	0.00
46 T	Dibromomethane	0.201	0.212	-5.5	90	0.00
47 T	Bromodichloromethane	0.533	0.567	-6.4	93	0.00
48 T	Methyl methacrylate	0.203	0.214	-5.4	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	82	0.00
50 S	Toluene-d8	1.244	1.351	-8.6	107	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.236	-3.5	81	0.00
52 CM	Toluene	0.955	1.025	-7.3#	93	0.00
53 T	t-1,3-Dichloropropene	0.470	0.503	-7.0	91	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.592	-6.3	91	0.00
55 T	1,1,2-Trichloroethane	0.263	0.278	-5.7	89	0.00
56 T	Ethyl methacrylate	0.335	0.357	-6.6	84	0.00
57 T	1,3-Dichloropropane	0.455	0.476	-4.6	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.168	-8.4	87	0.00
59 T	2-Hexanone	0.151	0.163	-7.9	81	0.00
60 T	Dibromochloromethane	0.360	0.381	-5.8	91	0.00
61 T	1,2-Dibromoethane	0.248	0.257	-3.6	89	0.00
62 S	4-Bromofluorobenzene	0.423	0.461	-9.0	108	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.407	0.413	-1.5	93	0.00
65 PM	Chlorobenzene	1.181	1.219	-3.2	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.437	-4.8	94	0.00
67 C	Ethyl Benzene	2.072	2.220	-7.1#	95	0.00
68 T	m/p-Xylenes	0.787	0.846	-7.5	94	0.00
69 T	o-Xylene	0.725	0.771	-6.3	92	0.00
70 T	Styrene	1.203	1.319	-9.6	94	0.00
71 P	Bromoform	0.233	0.240	-3.0	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.939	4.043	-2.6	93	0.00
74 T	N-amyl acetate	0.855	0.861	-0.7	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.681	2.0	87	0.00
76 T	1,2,3-Trichloropropane	0.504	0.521	-3.4	99	0.00
77 T	Bromobenzene	0.921	0.911	1.1	92	0.00
78 T	n-propylbenzene	4.783	4.990	-4.3	95	0.00
79 T	2-Chlorotoluene	2.735	2.784	-1.8	95	0.00
80 T	1,3,5-Trimethylbenzene	3.201	3.356	-4.8	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.216	2.7	85	0.00
82 T	4-Chlorotoluene	2.832	2.856	-0.8	94	0.00
83 T	tert-Butylbenzene	2.855	2.976	-4.2	95	0.00
84 T	1,2,4-Trimethylbenzene	3.178	3.338	-5.0	95	0.00
85 T	sec-Butylbenzene	4.248	4.394	-3.4	94	0.00
86 T	p-Isopropyltoluene	3.500	3.691	-5.5	96	0.00
87 T	1,3-Dichlorobenzene	1.834	1.830	0.2	94	0.00
88 T	1,4-Dichlorobenzene	1.794	1.801	-0.4	94	0.00
89 T	n-Butylbenzene	3.232	3.486	-7.9	96	0.00
90 T	Hexachloroethane	0.747	0.751	-0.5	96	0.00
91 T	1,2-Dichlorobenzene	1.572	1.581	-0.6	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.103	1.0	89	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.884	-2.9	91	0.00
94 T	Hexachlorobutadiene	0.538	0.568	-5.6	96	0.00
95 T	Naphthalene	1.390	1.446	-4.0	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.741	-2.6	89	0.00

(#) = Out of Range

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