

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
 Data File : VY021588.D
 Acq On : 20 Mar 2025 17:31
 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: Mar 21 01:35:20 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	81	0.00
2 T	Dichlorodifluoromethane	0.459	0.376	18.1	68	0.00
3 P	Chloromethane	0.647	0.574	11.3	75	0.00
4 C	Vinyl Chloride	0.707	0.664	6.1#	78	0.00
5 T	Bromomethane	0.511	0.444	13.1	77	-0.01
6 T	Chloroethane	0.467	0.490	-4.9	86	0.00
7 T	Trichlorofluoromethane	0.987	0.921	6.7	77	-0.01
8 T	Diethyl Ether	0.273	0.268	1.8	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.531	5.7	80	-0.01
10 T	Methyl Iodide	0.573	0.579	-1.0	74	-0.01
11 T	Tert butyl alcohol	0.041	0.032	22.0	68	-0.02
12 CM	1,1-Dichloroethene	0.514	0.470	8.6#	75	-0.01
13 T	Acrolein	0.027	0.003	88.9#	51	-0.01
14 T	Allyl chloride	0.830	0.790	4.8	76	-0.02
15 T	Acrylonitrile	0.116	0.119	-2.6	77	-0.01
16 T	Acetone	0.115	0.100	13.0	60	0.00
17 T	Carbon Disulfide	1.610	1.363	15.3	68	-0.01
18 T	Methyl Acetate	0.256	0.334	-30.5#	95	0.00
19 T	Methyl tert-butyl Ether	1.302	1.308	-0.5	78	0.00
20 T	Methylene Chloride	0.605	0.567	6.3	83	0.00
21 T	trans-1,2-Dichloroethene	0.575	0.547	4.9	79	-0.01
22 T	Diisopropyl ether	1.789	1.798	-0.5	79	-0.01
23 T	Vinyl Acetate	1.021	0.983	3.7	72	-0.01
24 P	1,1-Dichloroethane	1.056	1.036	1.9	80	-0.01
25 T	2-Butanone	0.159	0.153	3.8	69	0.00
26 T	2,2-Dichloropropane	0.971	0.904	6.9	78	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.644	1.4	80	0.00
28 T	Bromochloromethane	0.443	0.452	-2.0	78	0.00
29 T	Tetrahydrofuran	0.098	0.100	-2.0	73	-0.01
30 C	Chloroform	1.096	1.101	-0.5#	82	0.00
31 T	Cyclohexane	0.990	0.843	14.8	73	0.00
32 T	1,1,1-Trichloroethane	1.004	0.970	3.4	80	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.462	12.5	78	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35 S	Dibromofluoromethane	0.329	0.289	12.2	81	0.00
36 T	1,1-Dichloropropene	0.514	0.481	6.4	77	0.00
37 T	Ethyl Acetate	0.227	0.223	1.8	74	0.00
38 T	Carbon Tetrachloride	0.592	0.553	6.6	78	0.00
39 T	Methylcyclohexane	0.631	0.576	8.7	73	0.00
40 TM	Benzene	1.515	1.457	3.8	78	0.00
41 T	Methacrylonitrile	0.124	0.119	4.0	75	0.00
42 TM	1,2-Dichloroethane	0.424	0.418	1.4	79	0.00
43 T	Isopropyl Acetate	0.441	0.439	0.5	75	0.00
44 TM	Trichloroethene	0.383	0.375	2.1	81	0.00
45 C	1,2-Dichloropropane	0.361	0.356	1.4#	80	0.00
46 T	Dibromomethane	0.201	0.203	-1.0	79	0.00
47 T	Bromodichloromethane	0.533	0.543	-1.9	82	0.00
48 T	Methyl methacrylate	0.203	0.211	-3.9	76	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	1.037	16.6	76	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.234	-2.6	74	0.00
52 CM	Toluene	0.955	0.959	-0.4#	80	0.00
53 T	t-1,3-Dichloropropene	0.470	0.477	-1.5	79	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.556	0.2	78	0.00
55 T	1,1,2-Trichloroethane	0.263	0.270	-2.7	79	0.00
56 T	Ethyl methacrylate	0.335	0.346	-3.3	75	0.00
57 T	1,3-Dichloropropane	0.455	0.464	-2.0	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.152	1.9	72	0.00
59 T	2-Hexanone	0.151	0.154	-2.0	70	0.00
60 T	Dibromochloromethane	0.360	0.377	-4.7	83	0.00
61 T	1,2-Dibromoethane	0.248	0.251	-1.2	79	0.00
62 S	4-Bromofluorobenzene	0.423	0.378	10.6	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.407	0.439	-7.9	91	0.00
65 PM	Chlorobenzene	1.181	1.134	4.0	80	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.409	1.9	81	0.00
67 C	Ethyl Benzene	2.072	1.994	3.8#	78	0.00
68 T	m/p-Xylenes	0.787	0.770	2.2	78	0.00
69 T	o-Xylene	0.725	0.720	0.7	79	0.00
70 T	Styrene	1.203	1.229	-2.2	80	0.00
71 P	Bromoform	0.233	0.240	-3.0	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	3.939	3.582	9.1	79	0.00
74 T	N-amyl acetate	0.855	0.781	8.7	73	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.625	10.1	76	0.00
76 T	1,2,3-Trichloropropane	0.504	0.446	11.5	80	0.00
77 T	Bromobenzene	0.921	0.833	9.6	80	0.00
78 T	n-propylbenzene	4.783	4.374	8.6	79	0.00
79 T	2-Chlorotoluene	2.735	2.500	8.6	81	0.00
80 T	1,3,5-Trimethylbenzene	3.201	2.964	7.4	81	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.193	13.1	72	0.00
82 T	4-Chlorotoluene	2.832	2.589	8.6	80	0.00
83 T	tert-Butylbenzene	2.855	2.677	6.2	81	0.00
84 T	1,2,4-Trimethylbenzene	3.178	2.989	5.9	81	0.00
85 T	sec-Butylbenzene	4.248	3.960	6.8	80	0.00
86 T	p-Isopropyltoluene	3.500	3.287	6.1	81	0.00
87 T	1,3-Dichlorobenzene	1.834	1.669	9.0	81	0.00
88 T	1,4-Dichlorobenzene	1.794	1.652	7.9	82	0.00
89 T	n-Butylbenzene	3.232	3.056	5.4	80	0.00
90 T	Hexachloroethane	0.747	0.685	8.3	83	0.00
91 T	1,2-Dichlorobenzene	1.572	1.466	6.7	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.095	8.7	78	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.829	3.5	81	0.00
94 T	Hexachlorobutadiene	0.538	0.530	1.5	85	0.00
95 T	Naphthalene	1.390	1.367	1.7	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.704	2.5	80	0.00

(#) = Out of Range

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