

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY023013.D
 Acq On : 18 Jul 2025 21:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 19 04:47:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 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	75	0.00
2 T	Dichlorodifluoromethane	0.425	0.373	12.2	76	0.00
3 P	Chloromethane	0.722	0.855	-18.4	104	0.00
4 C	Vinyl Chloride	0.915	1.043	-14.0#	95	0.00
5 T	Bromomethane	0.660	0.825	-25.0	112	0.00
6 T	Chloroethane	0.611	0.741	-21.3	100	0.00
7 T	Trichlorofluoromethane	1.062	1.154	-8.7	89	0.00
8 T	Diethyl Ether	0.278	0.295	-6.1	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.558	0.528	5.4	79	0.00
10 T	Methyl Iodide	0.579	0.574	0.9	76	0.00
11 T	Tert butyl alcohol	0.031	0.038	-22.6	97	0.02
12 CM	1,1-Dichloroethene	0.531	0.499	6.0#	79	0.00
13 T	Acrolein	0.014	0.009	35.7#	92	0.00
14 T	Allyl chloride	0.809	0.810	-0.1	82	0.00
15 T	Acrylonitrile	0.105	0.131	-24.8	101	0.00
16 T	Acetone	0.092	0.096	-4.3	93	0.01
17 T	Carbon Disulfide	1.610	1.537	4.5	80	0.00
18 T	Methyl Acetate	0.311	0.456	-46.6#	106	0.00
19 T	Methyl tert-butyl Ether	1.274	1.467	-15.1	93	0.00
20 T	Methylene Chloride	0.871	0.702	19.4	87	0.00
21 T	trans-1,2-Dichloroethene	0.591	0.581	1.7	82	0.00
22 T	Diisopropyl ether	1.717	1.901	-10.7	90	0.00
23 T	Vinyl Acetate	0.865	1.005	-16.2	94	0.00
24 P	1,1-Dichloroethane	1.079	1.114	-3.2	85	0.00
25 T	2-Butanone	0.132	0.164	-24.2	100	0.00
26 T	2,2-Dichloropropane	0.945	0.836	11.5	73	0.00
27 T	cis-1,2-Dichloroethene	0.682	0.694	-1.8	83	0.00
28 T	Bromochloromethane	0.418	0.471	-12.7	89	0.00
29 T	Tetrahydrofuran	0.083	0.111	-33.7#	103	0.00
30 C	Chloroform	1.088	1.144	-5.1#	87	0.00
31 T	Cyclohexane	1.008	0.937	7.0	80	0.00
32 T	1,1,1-Trichloroethane	0.987	0.972	1.5	81	0.00
33 S	1,2-Dichloroethane-d4	0.506	0.604	-19.4	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.317	0.334	-5.4	88	0.00
36 T	1,1-Dichloropropene	0.500	0.481	3.8	81	0.00
37 T	Ethyl Acetate	0.186	0.221	-18.8	99	0.00
38 T	Carbon Tetrachloride	0.543	0.506	6.8	79	0.00
39 T	Methylcyclohexane	0.647	0.599	7.4	78	0.00
40 TM	Benzene	1.504	1.533	-1.9	86	0.00
41 T	Methacrylonitrile	0.101	0.127	-25.7#	101	0.00
42 TM	1,2-Dichloroethane	0.374	0.421	-12.6	93	0.00
43 T	Isopropyl Acetate	0.369	0.461	-24.9	100	0.00
44 TM	Trichloroethene	0.386	0.373	3.4	81	0.00
45 C	1,2-Dichloropropane	0.351	0.362	-3.1#	88	0.00
46 T	Dibromomethane	0.182	0.202	-11.0	92	0.00
47 T	Bromodichloromethane	0.502	0.528	-5.2	89	0.00
48 T	Methyl methacrylate	0.178	0.221	-24.2	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	104	0.01
50 S	Toluene-d8	1.258	1.289	-2.5	85	0.00
51 T	4-Methyl-2-Pentanone	0.187	0.249	-33.2#	103	0.00
52 CM	Toluene	0.935	0.953	-1.9#	85	0.00
53 T	t-1,3-Dichloropropene	0.431	0.465	-7.9	89	0.00
54 T	cis-1,3-Dichloropropene	0.519	0.536	-3.3	86	0.00
55 T	1,1,2-Trichloroethane	0.239	0.272	-13.8	95	0.00
56 T	Ethyl methacrylate	0.298	0.367	-23.2	97	0.00
57 T	1,3-Dichloropropane	0.412	0.471	-14.3	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.146	0.185	-26.7#	94	0.00
59 T	2-Hexanone	0.123	0.163	-32.5#	102	0.00
60 T	Dibromochloromethane	0.312	0.352	-12.8	92	0.00
61 T	1,2-Dibromoethane	0.217	0.253	-16.6	96	0.00
62 S	4-Bromofluorobenzene	0.396	0.418	-5.6	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.511	0.488	4.5	79	0.00
65 PM	Chlorobenzene	1.180	1.137	3.6	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.396	1.5	88	0.00
67 C	Ethyl Benzene	2.091	2.011	3.8#	84	0.00
68 T	m/p-Xylenes	0.802	0.770	4.0	83	0.00
69 T	o-Xylene	0.744	0.725	2.6	85	0.00
70 T	Styrene	1.219	1.247	-2.3	88	0.00
71 P	Bromoform	0.204	0.223	-9.3	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	4.239	3.692	12.9	81	0.00
74 T	N-amyl acetate	0.799	0.890	-11.4	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.613	0.642	-4.7	102	0.00
76 T	1,2,3-Trichloropropane	0.623	0.602	3.4	90	0.00
77 T	Bromobenzene	0.919	0.852	7.3	87	0.00
78 T	n-propylbenzene	5.048	4.398	12.9	80	0.00
79 T	2-Chlorotoluene	2.839	2.531	10.8	84	0.00
80 T	1,3,5-Trimethylbenzene	3.343	2.992	10.5	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.209	0.209	0.0	93	0.00
82 T	4-Chlorotoluene	2.864	2.624	8.4	85	0.00
83 T	tert-Butylbenzene	3.020	2.640	12.6	80	0.00
84 T	1,2,4-Trimethylbenzene	3.291	3.002	8.8	84	0.00
85 T	sec-Butylbenzene	4.526	3.873	14.4	79	0.00
86 T	p-Isopropyltoluene	3.676	3.177	13.6	79	0.00
87 T	1,3-Dichlorobenzene	1.855	1.691	8.8	86	0.00
88 T	1,4-Dichlorobenzene	1.795	1.636	8.9	86	0.00
89 T	n-Butylbenzene	3.392	2.844	16.2	77	0.00
90 T	Hexachloroethane	0.761	0.657	13.7	82	0.00
91 T	1,2-Dichlorobenzene	1.565	1.494	4.5	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.091	0.107	-17.6	106	0.00
93 T	1,2,4-Trichlorobenzene	0.825	0.762	7.6	85	0.00
94 T	Hexachlorobutadiene	0.520	0.384	26.2#	72	0.00
95 T	Naphthalene	1.323	1.487	-12.4	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.681	0.669	1.8	89	0.00

(#) = Out of Range

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