

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072125\
 Data File : VY023015.D
 Acq On : 21 Jul 2025 10:08
 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: Jul 22 04:45:39 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	93	0.00
2 T	Dichlorodifluoromethane	0.425	0.351	17.4	89	0.00
3 P	Chloromethane	0.722	0.755	-4.6	114	0.00
4 C	Vinyl Chloride	0.915	0.869	5.0#	98	0.00
5 T	Bromomethane	0.660	0.651	1.4	109	0.00
6 T	Chloroethane	0.611	0.596	2.5	100	0.00
7 T	Trichlorofluoromethane	1.062	1.013	4.6	97	0.00
8 T	Diethyl Ether	0.278	0.254	8.6	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.558	0.492	11.8	91	0.00
10 T	Methyl Iodide	0.579	0.490	15.4	80	0.00
11 T	Tert butyl alcohol	0.031	0.034	-9.7	106	0.04
12 CM	1,1-Dichloroethene	0.531	0.469	11.7#	92	0.00
13 T	Acrolein	0.014	0.007	50.0#	89	0.00
14 T	Allyl chloride	0.809	0.750	7.3	94	0.00
15 T	Acrylonitrile	0.105	0.113	-7.6	107	0.00
16 T	Acetone	0.092	0.106	-15.2	127	0.01
17 T	Carbon Disulfide	1.610	1.413	12.2	91	0.00
18 T	Methyl Acetate	0.311	0.353	-13.5	102	0.00
19 T	Methyl tert-butyl Ether	1.274	1.265	0.7	99	0.00
20 T	Methylene Chloride	0.871	0.586	32.7#	90	0.00
21 T	trans-1,2-Dichloroethene	0.591	0.535	9.5	93	0.00
22 T	Diisopropyl ether	1.717	1.658	3.4	97	0.00
23 T	Vinyl Acetate	0.865	0.906	-4.7	104	0.00
24 P	1,1-Dichloroethane	1.079	0.992	8.1	93	0.00
25 T	2-Butanone	0.132	0.151	-14.4	114	0.00
26 T	2,2-Dichloropropane	0.945	0.880	6.9	95	0.00
27 T	cis-1,2-Dichloroethene	0.682	0.624	8.5	92	0.00
28 T	Bromochloromethane	0.418	0.413	1.2	96	0.00
29 T	Tetrahydrofuran	0.083	0.092	-10.8	105	0.00
30 C	Chloroform	1.088	0.998	8.3#	94	0.00
31 T	Cyclohexane	1.008	0.874	13.3	92	0.00
32 T	1,1,1-Trichloroethane	0.987	0.890	9.8	92	0.00
33 S	1,2-Dichloroethane-d4	0.506	0.497	1.8	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.317	0.294	7.3	92	0.00
36 T	1,1-Dichloropropene	0.500	0.459	8.2	92	0.00
37 T	Ethyl Acetate	0.186	0.195	-4.8	105	0.00
38 T	Carbon Tetrachloride	0.543	0.493	9.2	92	0.00
39 T	Methylcyclohexane	0.647	0.588	9.1	91	0.00
40 TM	Benzene	1.504	1.399	7.0	94	0.00
41 T	Methacrylonitrile	0.101	0.119	-17.8	113	0.00
42 TM	1,2-Dichloroethane	0.374	0.375	-0.3	99	0.00
43 T	Isopropyl Acetate	0.369	0.403	-9.2	104	0.00
44 TM	Trichloroethene	0.386	0.359	7.0	93	0.00
45 C	1,2-Dichloropropane	0.351	0.331	5.7#	96	0.00
46 T	Dibromomethane	0.182	0.181	0.5	98	0.00
47 T	Bromodichloromethane	0.502	0.480	4.4	96	0.00
48 T	Methyl methacrylate	0.178	0.198	-11.2	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	107	0.01
50 S	Toluene-d8	1.258	1.168	7.2	92	0.00
51 T	4-Methyl-2-Pentanone	0.187	0.216	-15.5	107	0.00
52 CM	Toluene	0.935	0.884	5.5#	94	0.00
53 T	t-1,3-Dichloropropene	0.431	0.440	-2.1	100	0.00
54 T	cis-1,3-Dichloropropene	0.519	0.504	2.9	97	0.00
55 T	1,1,2-Trichloroethane	0.239	0.238	0.4	99	0.00
56 T	Ethyl methacrylate	0.298	0.323	-8.4	101	0.00
57 T	1,3-Dichloropropane	0.412	0.416	-1.0	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.146	0.161	-10.3	97	0.00
59 T	2-Hexanone	0.123	0.147	-19.5	110	0.00
60 T	Dibromochloromethane	0.312	0.312	0.0	97	0.00
61 T	1,2-Dibromoethane	0.217	0.223	-2.8	100	0.00
62 S	4-Bromofluorobenzene	0.396	0.374	5.6	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.511	0.480	6.1	91	0.00
65 PM	Chlorobenzene	1.180	1.093	7.4	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.364	9.5	94	0.00
67 C	Ethyl Benzene	2.091	1.947	6.9#	94	0.00
68 T	m/p-Xylenes	0.802	0.748	6.7	94	0.00
69 T	o-Xylene	0.744	0.704	5.4	96	0.00
70 T	Styrene	1.219	1.166	4.3	96	0.00
71 P	Bromoform	0.204	0.207	-1.5	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	4.239	3.753	11.5	94	0.00
74 T	N-amyl acetate	0.799	0.853	-6.8	109	0.00
75 P	1,1,2,2-Tetrachloroethane	0.613	0.586	4.4	106	0.00
76 T	1,2,3-Trichloropropane	0.623	0.561	10.0	95	0.00
77 T	Bromobenzene	0.919	0.833	9.4	97	0.00
78 T	n-propylbenzene	5.048	4.614	8.6	96	0.00
79 T	2-Chlorotoluene	2.839	2.548	10.3	96	0.00
80 T	1,3,5-Trimethylbenzene	3.343	3.049	8.8	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.209	0.209	0.0	106	0.00
82 T	4-Chlorotoluene	2.864	2.656	7.3	99	0.00
83 T	tert-Butylbenzene	3.020	2.737	9.4	95	0.00
84 T	1,2,4-Trimethylbenzene	3.291	3.052	7.3	98	0.00
85 T	sec-Butylbenzene	4.526	4.135	8.6	96	0.00
86 T	p-Isopropyltoluene	3.676	3.403	7.4	97	0.00
87 T	1,3-Dichlorobenzene	1.855	1.689	8.9	98	0.00
88 T	1,4-Dichlorobenzene	1.795	1.630	9.2	98	0.00
89 T	n-Butylbenzene	3.392	3.201	5.6	99	0.00
90 T	Hexachloroethane	0.761	0.678	10.9	96	0.00
91 T	1,2-Dichlorobenzene	1.565	1.458	6.8	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.091	0.100	-9.9	112	0.00
93 T	1,2,4-Trichlorobenzene	0.825	0.820	0.6	105	0.00
94 T	Hexachlorobutadiene	0.520	0.473	9.0	101	0.00
95 T	Naphthalene	1.323	1.492	-12.8	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.681	0.699	-2.6	106	0.00

(#) = Out of Range

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