

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022303.D
 Acq On : 19 May 2025 08:27
 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: May 20 01:07:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	85	0.00
2 T	Dichlorodifluoromethane	0.522	0.481	7.9	80	0.00
3 P	Chloromethane	1.097	1.063	3.1	86	0.00
4 C	Vinyl Chloride	1.226	1.243	-1.4#	87	0.00
5 T	Bromomethane	0.998	0.978	2.0	94	0.00
6 T	Chloroethane	0.763	0.831	-8.9	93	0.00
7 T	Trichlorofluoromethane	1.241	1.212	2.3	85	0.00
8 T	Diethyl Ether	0.298	0.268	10.1	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.534	0.9	84	0.00
10 T	Methyl Iodide	0.624	0.616	1.3	76	0.00
11 T	Tert butyl alcohol	0.042	0.035	16.7	76	0.00
12 CM	1,1-Dichloroethene	0.535	0.519	3.0#	82	0.00
13 T	Acrolein	0.061	0.033	45.9#	50#	0.00
14 T	Allyl chloride	0.938	0.833	11.2	74	0.00
15 T	Acrylonitrile	0.123	0.106	13.8	75	0.00
16 T	Acetone	0.102	0.081	20.6	74	0.00
17 T	Carbon Disulfide	1.744	1.645	5.7	80	0.00
18 T	Methyl Acetate	0.323	0.263	18.6	74	0.00
19 T	Methyl tert-butyl Ether	1.475	1.322	10.4	77	0.00
20 T	Methylene Chloride	0.662	0.542	18.1	77	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.560	5.1	80	0.00
22 T	Diisopropyl ether	1.980	1.738	12.2	74	0.00
23 T	Vinyl Acetate	1.196	1.018	14.9	73	0.00
24 P	1,1-Dichloroethane	1.106	1.030	6.9	78	0.00
25 T	2-Butanone	0.171	0.138	19.3	72	0.00
26 T	2,2-Dichloropropane	0.984	0.940	4.5	81	0.00
27 T	cis-1,2-Dichloroethene	0.681	0.638	6.3	78	0.00
28 T	Bromochloromethane	0.472	0.434	8.1	78	0.00
29 T	Tetrahydrofuran	0.110	0.092	16.4	73	0.00
30 C	Chloroform	1.061	1.007	5.1#	79	0.00
31 T	Cyclohexane	1.105	1.007	8.9	81	0.00
32 T	1,1,1-Trichloroethane	0.974	0.929	4.6	81	0.00
33 S	1,2-Dichloroethane-d4	0.546	0.506	7.3	79	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.298	0.288	3.4	81	0.00
36 T	1,1-Dichloropropene	0.492	0.478	2.8	80	0.00
37 T	Ethyl Acetate	0.237	0.199	16.0	72	0.00
38 T	Carbon Tetrachloride	0.509	0.500	1.8	82	0.00
39 T	Methylcyclohexane	0.660	0.659	0.2	83	0.00
40 TM	Benzene	1.457	1.393	4.4	79	0.00
41 T	Methacrylonitrile	0.157	0.119	24.2	64	0.00
42 TM	1,2-Dichloroethane	0.394	0.360	8.6	76	0.00
43 T	Isopropyl Acetate	0.516	0.443	14.1	73	0.00
44 TM	Trichloroethene	0.362	0.349	3.6	80	0.00
45 C	1,2-Dichloropropane	0.351	0.327	6.8#	78	0.00
46 T	Dibromomethane	0.189	0.174	7.9	78	0.00
47 T	Bromodichloromethane	0.492	0.465	5.5	78	0.00
48 T	Methyl methacrylate	0.241	0.202	16.2	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	79	0.00
50 S	Toluene-d8	1.222	1.187	2.9	82	0.00
51 T	4-Methyl-2-Pentanone	0.253	0.213	15.8	71	0.00
52 CM	Toluene	0.923	0.871	5.6#	78	0.00
53 T	t-1,3-Dichloropropene	0.480	0.439	8.5	76	0.00
54 T	cis-1,3-Dichloropropene	0.550	0.509	7.5	77	0.00
55 T	1,1,2-Trichloroethane	0.243	0.216	11.1	75	0.00
56 T	Ethyl methacrylate	0.378	0.336	11.1	75	0.00
57 T	1,3-Dichloropropane	0.431	0.393	8.8	76	0.00
58 T	2-Chloroethyl Vinyl ether	0.170	0.167	1.8	77	0.00
59 T	2-Hexanone	0.170	0.140	17.6	71	0.00
60 T	Dibromochloromethane	0.315	0.296	6.0	78	0.00
61 T	1,2-Dibromoethane	0.226	0.209	7.5	78	0.00
62 S	4-Bromofluorobenzene	0.387	0.356	8.0	78	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.462	0.450	2.6	79	0.00
65 PM	Chlorobenzene	1.128	1.083	4.0	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.366	5.7	77	0.00
67 C	Ethyl Benzene	2.113	2.049	3.0#	78	0.00
68 T	m/p-Xylenes	0.796	0.767	3.6	78	0.00
69 T	o-Xylene	0.753	0.714	5.2	77	0.00
70 T	Styrene	1.270	1.195	5.9	76	0.00
71 P	Bromoform	0.209	0.190	9.1	75	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	4.142	4.111	0.7	78	0.00
74 T	N-amyl acetate	1.185	1.045	11.8	72	0.00
75 P	1,1,2,2-Tetrachloroethane	0.637	0.599	6.0	76	0.00
76 T	1,2,3-Trichloropropane	0.507	0.482	4.9	77	0.00
77 T	Bromobenzene	0.885	0.857	3.2	77	0.00
78 T	n-propylbenzene	4.996	5.001	-0.1	78	0.00
79 T	2-Chlorotoluene	2.746	2.656	3.3	76	0.00
80 T	1,3,5-Trimethylbenzene	3.344	3.235	3.3	76	0.00
81 T	trans-1,4-Dichloro-2-butene	0.250	0.220	12.0	74	0.00
82 T	4-Chlorotoluene	2.824	2.735	3.2	75	0.00
83 T	tert-Butylbenzene	2.972	2.951	0.7	78	0.00
84 T	1,2,4-Trimethylbenzene	3.319	3.239	2.4	76	0.00
85 T	sec-Butylbenzene	4.412	4.454	-1.0	78	0.00
86 T	p-Isopropyltoluene	3.710	3.703	0.2	78	0.00
87 T	1,3-Dichlorobenzene	1.806	1.738	3.8	76	0.00
88 T	1,4-Dichlorobenzene	1.737	1.669	3.9	76	0.00
89 T	n-Butylbenzene	3.510	3.549	-1.1	78	0.00
90 T	Hexachloroethane	0.749	0.736	1.7	77	0.00
91 T	1,2-Dichlorobenzene	1.517	1.434	5.5	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.092	10.7	73	0.00
93 T	1,2,4-Trichlorobenzene	0.876	0.816	6.8	73	0.00
94 T	Hexachlorobutadiene	0.489	0.463	5.3	74	0.00
95 T	Naphthalene	1.663	1.464	12.0	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.664	10.6	71	0.00

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