

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022260.D
 Acq On : 15 May 2025 13:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY051525

Quant Time: May 16 01:47:02 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	94	0.00
2 T	Dichlorodifluoromethane	0.522	0.516	1.1	96	0.00
3 P	Chloromethane	1.097	1.069	2.6	97	0.00
4 C	Vinyl Chloride	1.226	1.253	-2.2#	98	0.00
5 T	Bromomethane	0.998	0.968	3.0	104	0.00
6 T	Chloroethane	0.763	0.812	-6.4	101	0.00
7 T	Trichlorofluoromethane	1.241	1.271	-2.4	99	0.00
8 T	Diethyl Ether	0.298	0.310	-4.0	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.556	-3.2	98	0.00
10 T	Methyl Iodide	0.624	0.619	0.8	85	0.00
11 T	Tert butyl alcohol	0.042	0.044	-4.8	108	0.00
12 CM	1,1-Dichloroethene	0.535	0.551	-3.0#	97	0.00
13 T	Acrolein	0.061	0.058	4.9	97	0.00
14 T	Allyl chloride	0.938	0.991	-5.7	98	0.00
15 T	Acrylonitrile	0.123	0.130	-5.7	102	0.00
16 T	Acetone	0.102	0.104	-2.0	105	0.00
17 T	Carbon Disulfide	1.744	1.806	-3.6	97	0.00
18 T	Methyl Acetate	0.323	0.384	-18.9	120	0.00
19 T	Methyl tert-butyl Ether	1.475	1.566	-6.2	101	0.00
20 T	Methylene Chloride	0.662	0.626	5.4	99	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.609	-3.2	97	0.00
22 T	Diisopropyl ether	1.980	2.063	-4.2	98	0.00
23 T	Vinyl Acetate	1.196	1.211	-1.3	97	0.00
24 P	1,1-Dichloroethane	1.106	1.143	-3.3	97	0.00
25 T	2-Butanone	0.171	0.175	-2.3	103	0.00
26 T	2,2-Dichloropropane	0.984	1.027	-4.4	98	0.00
27 T	cis-1,2-Dichloroethene	0.681	0.715	-5.0	98	0.00
28 T	Bromochloromethane	0.472	0.494	-4.7	99	0.00
29 T	Tetrahydrofuran	0.110	0.117	-6.4	103	0.00
30 C	Chloroform	1.061	1.121	-5.7#	98	0.00
31 T	Cyclohexane	1.105	1.076	2.6	96	0.00
32 T	1,1,1-Trichloroethane	0.974	1.003	-3.0	98	0.00
33 S	1,2-Dichloroethane-d4	0.546	0.569	-4.2	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.298	0.308	-3.4	100	0.00
36 T	1,1-Dichloropropene	0.492	0.496	-0.8	96	0.00
37 T	Ethyl Acetate	0.237	0.240	-1.3	100	0.00
38 T	Carbon Tetrachloride	0.509	0.514	-1.0	97	0.00
39 T	Methylcyclohexane	0.660	0.661	-0.2	96	0.00
40 TM	Benzene	1.457	1.507	-3.4	98	0.00
41 T	Methacrylonitrile	0.157	0.168	-7.0	104	0.02
42 TM	1,2-Dichloroethane	0.394	0.409	-3.8	99	0.00
43 T	Isopropyl Acetate	0.516	0.530	-2.7	101	0.00
44 TM	Trichloroethene	0.362	0.365	-0.8	96	0.00
45 C	1,2-Dichloropropane	0.351	0.361	-2.8#	99	0.00
46 T	Dibromomethane	0.189	0.195	-3.2	101	0.00
47 T	Bromodichloromethane	0.492	0.516	-4.9	100	0.00
48 T	Methyl methacrylate	0.241	0.248	-2.9	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	103	0.00
50 S	Toluene-d8	1.222	1.252	-2.5	99	0.00
51 T	4-Methyl-2-Pentanone	0.253	0.265	-4.7	102	0.00
52 CM	Toluene	0.923	0.947	-2.6#	98	0.00
53 T	t-1,3-Dichloropropene	0.480	0.494	-2.9	99	0.00
54 T	cis-1,3-Dichloropropene	0.550	0.571	-3.8	99	0.00
55 T	1,1,2-Trichloroethane	0.243	0.248	-2.1	100	0.00
56 T	Ethyl methacrylate	0.378	0.383	-1.3	98	0.00
57 T	1,3-Dichloropropane	0.431	0.447	-3.7	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.170	0.184	-8.2	98	0.00
59 T	2-Hexanone	0.170	0.175	-2.9	103	0.00
60 T	Dibromochloromethane	0.315	0.330	-4.8	100	0.00
61 T	1,2-Dibromoethane	0.226	0.233	-3.1	100	0.00
62 S	4-Bromofluorobenzene	0.387	0.395	-2.1	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.462	0.434	6.1	91	0.00
65 PM	Chlorobenzene	1.128	1.124	0.4	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.385	0.8	97	0.00
67 C	Ethyl Benzene	2.113	2.117	-0.2#	97	0.00
68 T	m/p-Xylenes	0.796	0.805	-1.1	98	0.00
69 T	o-Xylene	0.753	0.763	-1.3	99	0.00
70 T	Styrene	1.270	1.282	-0.9	98	0.00
71 P	Bromoform	0.209	0.214	-2.4	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	4.142	4.139	0.1	98	0.00
74 T	N-amyl acetate	1.185	1.180	0.4	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.637	0.676	-6.1	107	0.00
76 T	1,2,3-Trichloropropane	0.507	0.543	-7.1	107	0.00
77 T	Bromobenzene	0.885	0.874	1.2	97	0.00
78 T	n-propylbenzene	4.996	5.026	-0.6	97	0.00
79 T	2-Chlorotoluene	2.746	2.753	-0.3	97	0.00
80 T	1,3,5-Trimethylbenzene	3.344	3.319	0.7	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.250	0.246	1.6	103	0.00
82 T	4-Chlorotoluene	2.824	2.861	-1.3	97	0.00
83 T	tert-Butylbenzene	2.972	2.955	0.6	97	0.00
84 T	1,2,4-Trimethylbenzene	3.319	3.355	-1.1	97	0.00
85 T	sec-Butylbenzene	4.412	4.412	0.0	95	0.00
86 T	p-Isopropyltoluene	3.710	3.727	-0.5	97	0.00
87 T	1,3-Dichlorobenzene	1.806	1.796	0.6	97	0.00
88 T	1,4-Dichlorobenzene	1.737	1.726	0.6	98	0.00
89 T	n-Butylbenzene	3.510	3.538	-0.8	95	0.00
90 T	Hexachloroethane	0.749	0.742	0.9	96	0.00
91 T	1,2-Dichlorobenzene	1.517	1.516	0.1	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.103	0.0	102	0.00
93 T	1,2,4-Trichlorobenzene	0.876	0.855	2.4	94	0.00
94 T	Hexachlorobutadiene	0.489	0.467	4.5	92	0.00
95 T	Naphthalene	1.663	1.610	3.2	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.715	3.8	94	0.00

(#) = Out of Range

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