

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022428.D
 Acq On : 27 May 2025 11:56
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY052725

Quant Time: May 28 10:39:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 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	101	0.00
2 T	Dichlorodifluoromethane	0.477	0.409	14.3	97	0.00
3 P	Chloromethane	1.173	1.356	-15.6	114	0.00
4 C	Vinyl Chloride	1.425	1.492	-4.7#	103	0.00
5 T	Bromomethane	1.295	1.493	-15.3	118	0.00
6 T	Chloroethane	0.931	1.075	-15.5	107	0.00
7 T	Trichlorofluoromethane	1.203	1.345	-11.8	113	0.00
8 T	Diethyl Ether	0.277	0.293	-5.8	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.528	0.496	6.1	96	0.00
10 T	Methyl Iodide	0.595	0.581	2.4	91	0.00
11 T	Tert butyl alcohol	0.037	0.043	-16.2	121	0.00
12 CM	1,1-Dichloroethene	0.524	0.509	2.9#	101	0.00
13 T	Acrolein	0.056	0.059	-5.4	106	0.00
14 T	Allyl chloride	0.788	0.815	-3.4	105	0.00
15 T	Acrylonitrile	0.112	0.124	-10.7	112	0.00
16 T	Acetone	0.087	0.100	-14.9	119	0.00
17 T	Carbon Disulfide	1.672	1.666	0.4	102	0.00
18 T	Methyl Acetate	0.324	0.388	-19.8	127	-0.01
19 T	Methyl tert-butyl Ether	1.391	1.486	-6.8	108	0.00
20 T	Methylene Chloride	0.611	0.581	4.9	107	0.00
21 T	trans-1,2-Dichloroethene	0.572	0.588	-2.8	106	0.00
22 T	Diisopropyl ether	1.739	1.789	-2.9	104	0.00
23 T	Vinyl Acetate	0.999	1.049	-5.0	105	0.00
24 P	1,1-Dichloroethane	1.028	1.068	-3.9	105	0.00
25 T	2-Butanone	0.144	0.164	-13.9	117	-0.01
26 T	2,2-Dichloropropane	0.931	0.941	-1.1	103	0.00
27 T	cis-1,2-Dichloroethene	0.662	0.678	-2.4	105	0.00
28 T	Bromochloromethane	0.429	0.450	-4.9	103	0.00
29 T	Tetrahydrofuran	0.096	0.108	-12.5	114	0.00
30 C	Chloroform	1.013	1.041	-2.8#	102	0.00
31 T	Cyclohexane	1.013	0.903	10.9	97	0.00
32 T	1,1,1-Trichloroethane	0.919	0.924	-0.5	102	0.00
33 S	1,2-Dichloroethane-d4	0.527	0.536	-1.7	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35 S	Dibromofluoromethane	0.293	0.298	-1.7	104	0.00
36 T	1,1-Dichloropropene	0.465	0.467	-0.4	102	0.00
37 T	Ethyl Acetate	0.197	0.216	-9.6	109	0.00
38 T	Carbon Tetrachloride	0.484	0.482	0.4	101	0.00
39 T	Methylcyclohexane	0.618	0.595	3.7	98	0.00
40 TM	Benzene	1.383	1.434	-3.7	104	0.00
41 T	Methacrylonitrile	0.120	0.116	3.3	100	-0.03
42 TM	1,2-Dichloroethane	0.365	0.382	-4.7	104	0.00
43 T	Isopropyl Acetate	0.432	0.469	-8.6	108	0.00
44 TM	Trichloroethene	0.342	0.356	-4.1	105	0.00
45 C	1,2-Dichloropropane	0.325	0.331	-1.8#	103	0.00
46 T	Dibromomethane	0.181	0.191	-5.5	106	0.00
47 T	Bromodichloromethane	0.467	0.483	-3.4	105	0.00
48 T	Methyl methacrylate	0.200	0.225	-12.5	114	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	0.00
50 S	Toluene-d8	1.194	1.215	-1.8	104	0.00
51 T	4-Methyl-2-Pentanone	0.213	0.244	-14.6	113	0.00
52 CM	Toluene	0.864	0.912	-5.6#	106	0.00
53 T	t-1,3-Dichloropropene	0.435	0.470	-8.0	109	0.00
54 T	cis-1,3-Dichloropropene	0.511	0.537	-5.1	107	0.00
55 T	1,1,2-Trichloroethane	0.229	0.244	-6.6	107	0.00
56 T	Ethyl methacrylate	0.329	0.369	-12.2	109	0.00
57 T	1,3-Dichloropropane	0.404	0.426	-5.4	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.164	0.170	-3.7	103	0.00
59 T	2-Hexanone	0.140	0.164	-17.1	114	0.00
60 T	Dibromochloromethane	0.293	0.315	-7.5	105	0.00
61 T	1,2-Dibromoethane	0.210	0.227	-8.1	107	0.00
62 S	4-Bromofluorobenzene	0.361	0.366	-1.4	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.426	0.414	2.8	100	0.00
65 PM	Chlorobenzene	1.066	1.102	-3.4	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.370	-2.5	104	0.00
67 C	Ethyl Benzene	1.980	2.018	-1.9#	105	0.00
68 T	m/p-Xylenes	0.751	0.769	-2.4	105	0.00
69 T	o-Xylene	0.705	0.722	-2.4	105	0.00
70 T	Styrene	1.175	1.231	-4.8	106	0.00
71 P	Bromoform	0.189	0.198	-4.8	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.935	3.940	-0.1	106	0.00
74 T	N-amyl acetate	0.963	1.031	-7.1	107	0.00
75 P	1,1,2,2-Tetrachloroethane	0.620	0.661	-6.6	112	0.00
76 T	1,2,3-Trichloropropane	0.501	0.527	-5.2	111	0.00
77 T	Bromobenzene	0.847	0.855	-0.9	104	0.00
78 T	n-propylbenzene	4.723	4.814	-1.9	106	0.00
79 T	2-Chlorotoluene	2.556	2.572	-0.6	106	0.00
80 T	1,3,5-Trimethylbenzene	3.075	3.159	-2.7	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.221	0.226	-2.3	109	0.00
82 T	4-Chlorotoluene	2.633	2.683	-1.9	106	0.00
83 T	tert-Butylbenzene	2.778	2.851	-2.6	108	0.00
84 T	1,2,4-Trimethylbenzene	3.094	3.176	-2.7	106	0.00
85 T	sec-Butylbenzene	4.120	4.265	-3.5	107	0.00
86 T	p-Isopropyltoluene	3.440	3.601	-4.7	108	0.00
87 T	1,3-Dichlorobenzene	1.704	1.751	-2.8	107	0.00
88 T	1,4-Dichlorobenzene	1.629	1.682	-3.3	106	0.00
89 T	n-Butylbenzene	3.226	3.393	-5.2	106	0.00
90 T	Hexachloroethane	0.685	0.710	-3.6	107	0.00
91 T	1,2-Dichlorobenzene	1.423	1.443	-1.4	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.096	0.101	-5.2	112	0.00
93 T	1,2,4-Trichlorobenzene	0.789	0.827	-4.8	104	0.00
94 T	Hexachlorobutadiene	0.414	0.433	-4.6	106	0.00
95 T	Naphthalene	1.459	1.599	-9.6	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.647	0.698	-7.9	106	0.00

(#) = Out of Range

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