

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051225\
 Data File : VY022231.D
 Acq On : 12 May 2025 18:04
 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: May 13 03:26:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 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	43#	0.00
2 T	Dichlorodifluoromethane	0.426	0.507	-19.0	55	0.00
3 P	Chloromethane	0.607	0.944	-55.5#	67	0.00
4 C	Vinyl Chloride	0.745	1.170	-57.0#	69	0.00
5 T	Bromomethane	0.642	0.880	-37.1#	63	0.00
6 T	Chloroethane	0.508	0.796	-56.7#	69	0.00
7 T	Trichlorofluoromethane	0.983	1.402	-42.6#	63	0.00
8 T	Diethyl Ether	0.256	0.352	-37.5#	61	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.533	0.758	-42.2#	66	0.00
10 T	Methyl Iodide	0.617	0.776	-25.8#	53	0.00
11 T	Tert butyl alcohol	0.025	0.037	-48.0#	61	0.00
12 CM	1,1-Dichloroethene	0.497	0.664	-33.6#	61	0.00
13 T	Acrolein	0.046	0.015	67.4#	15#	0.00
14 T	Allyl chloride	0.579	0.842	-45.4#	65	0.00
15 T	Acrylonitrile	0.094	0.148	-57.4#	68	0.00
16 T	Acetone	0.070	0.099	-41.4#	68	0.00
17 T	Carbon Disulfide	1.585	2.049	-29.3#	59	0.00
18 T	Methyl Acetate	0.216	0.442	-104.6#	85	0.00
19 T	Methyl tert-butyl Ether	1.113	1.656	-48.8#	63	0.00
20 T	Methylene Chloride	0.584	0.822	-40.8#	66	0.00
21 T	trans-1,2-Dichloroethene	0.557	0.790	-41.8#	64	0.00
22 T	Diisopropyl ether	1.288	2.085	-61.9#	69	0.00
23 T	Vinyl Acetate	0.694	1.080	-55.6#	65	0.00
24 P	1,1-Dichloroethane	0.893	1.349	-51.1#	68	0.00
25 T	2-Butanone	0.105	0.170	-61.9#	69	0.00
26 T	2,2-Dichloropropane	0.782	1.138	-45.5#	66	0.00
27 T	cis-1,2-Dichloroethene	0.622	0.916	-47.3#	64	0.00
28 T	Bromochloromethane	0.347	0.584	-68.3#	73	0.00
29 T	Tetrahydrofuran	0.068	0.114	-67.6#	67	0.00
30 C	Chloroform	0.990	1.536	-55.2#	69	0.00
31 T	Cyclohexane	0.763	1.060	-38.9#	64	0.00
32 T	1,1,1-Trichloroethane	0.896	1.336	-49.1#	67	0.00
33 S	1,2-Dichloroethane-d4	0.462	0.719	-55.6#	66	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	41#	0.00
35 S	Dibromofluoromethane	0.330	0.532	-61.2#	65	0.00
36 T	1,1-Dichloropropene	0.444	0.693	-56.1#	66	0.00
37 T	Ethyl Acetate	0.159	0.267	-67.9#	67	0.00
38 T	Carbon Tetrachloride	0.530	0.831	-56.8#	66	0.00
39 T	Methylcyclohexane	0.558	0.842	-50.9#	62	0.00
40 TM	Benzene	1.387	2.236	-61.2#	68	0.00
41 T	Methacrylonitrile	0.087	0.142	-63.2#	63	-0.01
42 TM	1,2-Dichloroethane	0.343	0.569	-65.9#	69	0.00
43 T	Isopropyl Acetate	0.306	0.523	-70.9#	68	0.00
44 TM	Trichloroethene	0.384	0.574	-49.5#	63	0.00
45 C	1,2-Dichloropropane	0.307	0.518	-68.7#	70	0.00
46 T	Dibromomethane	0.192	0.322	-67.7#	70	0.00
47 T	Bromodichloromethane	0.480	0.791	-64.8#	68	0.00
48 T	Methyl methacrylate	0.141	0.241	-70.9#	65	0.00

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49 T	1,4-Dioxane	0.002	0.003	-50.0#	67	0.00
50 S	Toluene-d8	1.245	2.033	-63.3#	65	0.00
51 T	4-Methyl-2-Pentanone	0.160	0.302	-88.8#	71	0.00
52 CM	Toluene	0.898	1.497	-66.7#	68	0.00
53 T	t-1,3-Dichloropropene	0.411	0.688	-67.4#	67	0.00
54 T	cis-1,3-Dichloropropene	0.489	0.808	-65.2#	68	0.00
55 T	1,1,2-Trichloroethane	0.256	0.433	-69.1#	68	0.00
56 T	Ethyl methacrylate	0.293	0.501	-71.0#	64	0.00
57 T	1,3-Dichloropropane	0.411	0.712	-73.2#	71	0.00
58 T	2-Chloroethyl Vinyl ether	0.143	0.276	-93.0#	70	0.00
59 T	2-Hexanone	0.106	0.202	-90.6#	71	0.00
60 T	Dibromochloromethane	0.355	0.601	-69.3#	69	0.00
61 T	1,2-Dibromoethane	0.242	0.414	-71.1#	69	0.00
62 S	4-Bromofluorobenzene	0.419	0.684	-63.2#	65	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	43#	0.00
64 T	Tetrachloroethene	0.472	0.660	-39.8#	63	0.00
65 PM	Chlorobenzene	1.118	1.687	-50.9#	67	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.621	-57.6#	69	0.00
67 C	Ethyl Benzene	1.829	2.865	-56.6#	67	0.00
68 T	m/p-Xylenes	0.728	1.152	-58.2#	68	0.00
69 T	o-Xylene	0.671	1.049	-56.3#	66	0.00
70 T	Styrene	1.126	1.846	-63.9#	68	0.00
71 P	Bromoform	0.229	0.368	-60.7#	69	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	46#	0.00
73 T	Isopropylbenzene	3.341	4.896	-46.5#	68	0.00
74 T	N-amyl acetate	0.574	0.882	-53.7#	69	0.00
75 P	1,1,2,2-Tetrachloroethane	0.563	0.889	-57.9#	75	0.00
76 T	1,2,3-Trichloropropane	0.428	0.608	-42.1#	69	0.00
77 T	Bromobenzene	0.844	1.220	-44.5#	68	0.00
78 T	n-propylbenzene	3.978	5.998	-50.8#	69	0.00
79 T	2-Chlorotoluene	2.314	3.458	-49.4#	70	0.00
80 T	1,3,5-Trimethylbenzene	2.752	4.159	-51.1#	68	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.261	-46.6#	68	0.00
82 T	4-Chlorotoluene	2.405	3.608	-50.0#	70	0.00
83 T	tert-Butylbenzene	2.468	3.741	-51.6#	69	0.00
84 T	1,2,4-Trimethylbenzene	2.753	4.254	-54.5#	70	0.00
85 T	sec-Butylbenzene	3.612	5.475	-51.6#	70	0.00
86 T	p-Isopropyltoluene	3.067	4.641	-51.3#	69	0.00
87 T	1,3-Dichlorobenzene	1.714	2.484	-44.9#	69	0.00
88 T	1,4-Dichlorobenzene	1.698	2.434	-43.3#	69	0.00
89 T	n-Butylbenzene	2.742	4.143	-51.1#	70	0.00
90 T	Hexachloroethane	0.674	1.015	-50.6#	73	0.00
91 T	1,2-Dichlorobenzene	1.495	2.231	-49.2#	71	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.090	0.139	-54.4#	76	0.00
93 T	1,2,4-Trichlorobenzene	0.847	1.212	-43.1#	68	0.00
94 T	Hexachlorobutadiene	0.521	0.740	-42.0#	71	0.00
95 T	Naphthalene	1.408	2.072	-47.2#	66	0.00

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96 T	1,2,3-Trichlorobenzene	0.731	1.065	-45.7#	69	0.00

(#) = Out of Range

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