

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021792.D
 Acq On : 04 Apr 2025 17:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 04 23:41:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	73	0.00
2 T	Dichlorodifluoromethane	0.518	0.359	30.7#	52	0.00
3 P	Chloromethane	0.729	0.553	24.1	58	0.00
4 C	Vinyl Chloride	0.824	0.666	19.2#	61	0.00
5 T	Bromomethane	0.562	0.462	17.8	66	0.00
6 T	Chloroethane	0.539	0.475	11.9	68	0.00
7 T	Trichlorofluoromethane	1.056	0.967	8.4	70	0.00
8 T	Diethyl Ether	0.287	0.272	5.2	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.556	0.2	76	0.00
10 T	Methyl Iodide	0.611	0.561	8.2	63	0.00
11 T	Tert butyl alcohol	0.035	0.034	2.9	74	0.00
12 CM	1,1-Dichloroethene	0.524	0.478	8.8#	68	0.00
13 T	Acrolein	0.064	0.002	96.9#	2#	0.00
14 T	Allyl chloride	0.836	0.793	5.1	69	0.00
15 T	Acrylonitrile	0.120	0.128	-6.7	78	0.00
16 T	Acetone	0.111	0.096	13.5	65	0.00
17 T	Carbon Disulfide	1.727	1.311	24.1	57	0.00
18 T	Methyl Acetate	0.275	0.422	-53.5#	116	0.00
19 T	Methyl tert-butyl Ether	1.306	1.331	-1.9	73	0.00
20 T	Methylene Chloride	0.626	0.578	7.7	75	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.545	5.5	70	0.00
22 T	Diisopropyl ether	1.754	1.846	-5.2	75	0.00
23 T	Vinyl Acetate	1.026	0.979	4.6	67	0.00
24 P	1,1-Dichloroethane	1.049	1.054	-0.5	74	0.00
25 T	2-Butanone	0.158	0.160	-1.3	74	0.00
26 T	2,2-Dichloropropane	0.933	0.866	7.2	69	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.653	-0.6	73	0.00
28 T	Bromochloromethane	0.442	0.439	0.7	75	0.00
29 T	Tetrahydrofuran	0.102	0.108	-5.9	75	0.00
30 C	Chloroform	1.091	1.124	-3.0#	76	0.00
31 T	Cyclohexane	0.956	0.862	9.8	69	0.00
32 T	1,1,1-Trichloroethane	0.986	1.000	-1.4	76	0.00
33 S	1,2-Dichloroethane-d4	0.542	0.534	1.5	71	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
35 S	Dibromofluoromethane	0.324	0.335	-3.4	72	0.00
36 T	1,1-Dichloropropene	0.494	0.494	0.0	72	0.00
37 T	Ethyl Acetate	0.233	0.241	-3.4	74	0.00
38 T	Carbon Tetrachloride	0.566	0.580	-2.5	75	0.00
39 T	Methylcyclohexane	0.590	0.601	-1.9	70	0.00
40 TM	Benzene	1.479	1.511	-2.2	73	0.00
41 T	Methacrylonitrile	0.124	0.129	-4.0	68	-0.02
42 TM	1,2-Dichloroethane	0.417	0.432	-3.6	75	0.00
43 T	Isopropyl Acetate	0.442	0.463	-4.8	74	0.00
44 TM	Trichloroethene	0.377	0.391	-3.7	76	0.00
45 C	1,2-Dichloropropane	0.350	0.374	-6.9#	77	0.00
46 T	Dibromomethane	0.202	0.216	-6.9	79	0.00
47 T	Bromodichloromethane	0.523	0.563	-7.6	78	0.00
48 T	Methyl methacrylate	0.203	0.223	-9.9	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	73	0.00
50 S	Toluene-d8	1.234	1.224	0.8	68	0.00
51 T	4-Methyl-2-Pentanone	0.230	0.263	-14.3	79	0.00
52 CM	Toluene	0.923	0.970	-5.1#	74	0.00
53 T	t-1,3-Dichloropropene	0.465	0.492	-5.8	73	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.567	-3.5	73	0.00
55 T	1,1,2-Trichloroethane	0.260	0.292	-12.3	81	0.00
56 T	Ethyl methacrylate	0.332	0.379	-14.2	75	0.00
57 T	1,3-Dichloropropane	0.449	0.485	-8.0	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.191	-17.9	77	0.00
59 T	2-Hexanone	0.153	0.177	-15.7	78	0.00
60 T	Dibromochloromethane	0.355	0.400	-12.7	80	0.00
61 T	1,2-Dibromoethane	0.244	0.265	-8.6	76	0.00
62 S	4-Bromofluorobenzene	0.417	0.451	-8.2	75	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64 T	Tetrachloroethene	0.455	0.465	-2.2	78	0.00
65 PM	Chlorobenzene	1.146	1.161	-1.3	76	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.425	-4.4	78	0.00
67 C	Ethyl Benzene	1.965	2.034	-3.5#	75	0.00
68 T	m/p-Xylenes	0.753	0.777	-3.2	74	0.00
69 T	o-Xylene	0.695	0.730	-5.0	74	0.00
70 T	Styrene	1.158	1.252	-8.1	76	0.00
71 P	Bromoform	0.232	0.252	-8.6	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	3.714	3.458	6.9	76	0.00
74 T	N-amyl acetate	0.872	0.776	11.0	71	0.00
75 P	1,1,2,2-Tetrachloroethane	0.668	0.613	8.2	79	0.00
76 T	1,2,3-Trichloropropane	0.496	0.461	7.1	78	0.00
77 T	Bromobenzene	0.892	0.813	8.9	77	0.00
78 T	n-propylbenzene	4.465	4.246	4.9	78	0.00
79 T	2-Chlorotoluene	2.593	2.381	8.2	76	0.00
80 T	1,3,5-Trimethylbenzene	3.035	2.858	5.8	77	0.00
81 T	trans-1,4-Dichloro-2-butene	0.215	0.185	14.0	70	0.00
82 T	4-Chlorotoluene	2.704	2.492	7.8	76	0.00
83 T	tert-Butylbenzene	2.703	2.600	3.8	79	0.00
84 T	1,2,4-Trimethylbenzene	3.000	2.878	4.1	78	0.00
85 T	sec-Butylbenzene	3.951	3.849	2.6	79	0.00
86 T	p-Isopropyltoluene	3.265	3.199	2.0	79	0.00
87 T	1,3-Dichlorobenzene	1.757	1.648	6.2	80	0.00
88 T	1,4-Dichlorobenzene	1.736	1.619	6.7	79	0.00
89 T	n-Butylbenzene	3.020	2.961	2.0	79	0.00
90 T	Hexachloroethane	0.716	0.675	5.7	81	0.00
91 T	1,2-Dichlorobenzene	1.529	1.448	5.3	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.101	1.9	83	0.00
93 T	1,2,4-Trichlorobenzene	0.829	0.830	-0.1	80	0.00
94 T	Hexachlorobutadiene	0.518	0.526	-1.5	85	0.00
95 T	Naphthalene	1.375	1.493	-8.6	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.707	0.730	-3.3	83	0.00

(#) = Out of Range

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