

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013791.D
 Acq On : 18 May 2023 10:29
 Operator : KP/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 19 03:20:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 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	0.359	0.369	-2.8	106	0.00
3 P	Chloromethane	0.544	0.503	7.5	97	0.00
4 C	Vinyl Chloride	0.543	0.517	4.8#	98	0.00
5 T	Bromomethane	0.482	0.392	18.7	93	0.00
6 T	Chloroethane	0.374	0.335	10.4	96	0.00
7 T	Trichlorofluoromethane	0.791	0.837	-5.8	109	0.00
8 T	Diethyl Ether	0.265	0.257	3.0	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.463	0.472	-1.9	107	0.00
10 T	Methyl Iodide	0.509	0.529	-3.9	100	0.00
11 T	Tert butyl alcohol	0.047	0.048	-2.1	104	0.00
12 CM	1,1-Dichloroethene	0.420	0.430	-2.4#	104	0.00
13 T	Acrolein	0.084	0.071	15.5	85	0.00
14 T	Allyl chloride	0.827	0.839	-1.5	101	0.00
15 T	Acrylonitrile	0.155	0.139	10.3	89	0.00
16 T	Acetone	0.175	0.170	2.9	95	0.00
17 T	Carbon Disulfide	1.206	1.180	2.2	102	0.00
18 T	Methyl Acetate	0.611	0.542	11.3	89	0.00
19 T	Methyl tert-butyl Ether	1.273	1.238	2.7	94	0.00
20 T	Methylene Chloride	0.662	0.561	15.3	104	0.00
21 T	trans-1,2-Dichloroethene	0.472	0.469	0.6	100	0.00
22 T	Diisopropyl ether	1.758	1.745	0.7	96	0.00
23 T	Vinyl Acetate	1.017	0.986	3.0	92	0.00
24 P	1,1-Dichloroethane	0.961	0.950	1.1	100	0.00
25 T	2-Butanone	0.228	0.207	9.2	88	0.00
26 T	2,2-Dichloropropane	0.821	0.852	-3.8	104	0.00
27 T	cis-1,2-Dichloroethene	0.557	0.557	0.0	99	0.00
28 T	Bromochloromethane	0.336	0.285	15.2	90	0.00
29 T	Tetrahydrofuran	0.136	0.120	11.8	84	0.00
30 C	Chloroform	0.969	0.961	0.8#	100	0.00
31 T	Cyclohexane	0.833	0.773	7.2	100	0.00
32 T	1,1,1-Trichloroethane	0.827	0.856	-3.5	104	0.00
33 S	1,2-Dichloroethane-d4	0.581	0.568	2.2	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.321	0.324	-0.9	98	0.00
36 T	1,1-Dichloropropene	0.443	0.451	-1.8	100	0.00
37 T	Ethyl Acetate	0.305	0.274	10.2	86	0.00
38 T	Carbon Tetrachloride	0.467	0.499	-6.9	106	0.00
39 T	Methylcyclohexane	0.504	0.505	-0.2	99	0.00
40 TM	Benzene	1.287	1.297	-0.8	100	0.00
41 T	Methacrylonitrile	0.151	0.145	4.0	106	0.00
42 TM	1,2-Dichloroethane	0.416	0.425	-2.2	99	0.00
43 T	Isopropyl Acetate	0.553	0.512	7.4	88	0.00
44 TM	Trichloroethene	0.337	0.340	-0.9	101	0.00
45 C	1,2-Dichloropropane	0.354	0.349	1.4#	96	0.00
46 T	Dibromomethane	0.198	0.190	4.0	93	0.00
47 T	Bromodichloromethane	0.469	0.479	-2.1	98	0.00
48 T	Methyl methacrylate	0.254	0.236	7.1	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	84	0.00
50 S	Toluene-d8	1.216	1.240	-2.0	100	0.00
51 T	4-Methyl-2-Pentanone	0.308	0.281	8.8	84	0.00
52 CM	Toluene	0.780	0.797	-2.2#	98	0.00
53 T	t-1,3-Dichloropropene	0.484	0.480	0.8	95	0.00
54 T	cis-1,3-Dichloropropene	0.540	0.534	1.1	96	0.00
55 T	1,1,2-Trichloroethane	0.269	0.260	3.3	93	0.00
56 T	Ethyl methacrylate	0.360	0.355	1.4	89	0.00
57 T	1,3-Dichloropropane	0.464	0.448	3.4	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.130	0.107	17.7	87	0.00
59 T	2-Hexanone	0.219	0.203	7.3	85	0.00
60 T	Dibromochloromethane	0.327	0.327	0.0	96	0.00
61 T	1,2-Dibromoethane	0.254	0.245	3.5	92	0.00
62 S	4-Bromofluorobenzene	0.404	0.399	1.2	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.317	0.316	0.3	99	0.00
65 PM	Chlorobenzene	0.946	0.960	-1.5	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.368	0.380	-3.3	99	0.00
67 C	Ethyl Benzene	1.682	1.769	-5.2#	100	0.00
68 T	m/p-Xylenes	0.630	0.663	-5.2	99	0.00
69 T	o-Xylene	0.599	0.626	-4.5	98	0.00
70 T	Styrene	1.018	1.066	-4.7	97	0.00
71 P	Bromoform	0.243	0.243	0.0	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.385	3.609	-6.6	99	0.00
74 T	N-amyl acetate	1.149	1.066	7.2	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.802	0.761	5.1	88	0.00
76 T	1,2,3-Trichloropropane	0.605	0.523	13.6	81	0.00
77 T	Bromobenzene	0.817	0.847	-3.7	98	0.00
78 T	n-propylbenzene	4.170	4.395	-5.4	97	0.00
79 T	2-Chlorotoluene	2.353	2.458	-4.5	98	0.00
80 T	1,3,5-Trimethylbenzene	2.760	2.965	-7.4	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.272	0.260	4.4	87	0.00
82 T	4-Chlorotoluene	2.451	2.529	-3.2	97	0.00
83 T	tert-Butylbenzene	2.404	2.635	-9.6	102	0.00
84 T	1,2,4-Trimethylbenzene	2.705	2.880	-6.5	98	0.00
85 T	sec-Butylbenzene	3.627	3.868	-6.6	99	0.00
86 T	p-Isopropyltoluene	2.928	3.140	-7.2	100	0.00
87 T	1,3-Dichlorobenzene	1.590	1.640	-3.1	98	0.00
88 T	1,4-Dichlorobenzene	1.598	1.615	-1.1	97	0.00
89 T	n-Butylbenzene	2.871	3.041	-5.9	99	0.00
90 T	Hexachloroethane	0.619	0.628	-1.5	98	0.00
91 T	1,2-Dichlorobenzene	1.416	1.469	-3.7	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.130	0.115	11.5	83	0.00
93 T	1,2,4-Trichlorobenzene	0.840	0.881	-4.9	102	0.00
94 T	Hexachlorobutadiene	0.522	0.551	-5.6	105	0.00
95 T	Naphthalene	1.667	1.644	1.4	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.756	0.759	-0.4	98	0.00

(#) = Out of Range

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