

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012251.D
 Acq On : 18 Jan 2023 17:13
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 19 00:36:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 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	130	0.00
2 T	Dichlorodifluoromethane	0.437	0.369	15.6	129	0.00
3 P	Chloromethane	0.403	0.392	2.7	139	0.00
4 C	Vinyl Chloride	0.471	0.452	4.0#	135	0.00
5 T	Bromomethane	0.364	0.326	10.4	127	0.00
6 T	Chloroethane	0.307	0.294	4.2	133	0.00
7 T	Trichlorofluoromethane	0.919	0.829	9.8	128	0.00
8 T	Diethyl Ether	0.273	0.271	0.7	136	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.447	0.448	-0.2	143	0.00
10 T	Methyl Iodide	0.680	0.623	8.4	118	0.00
11 T	Tert butyl alcohol	0.057	0.052	8.8	148	0.00
12 CM	1,1-Dichloroethene	0.459	0.463	-0.9#	138	0.00
13 T	Acrolein	0.023	0.015	34.8#	120	0.00
14 T	Allyl chloride	0.568	0.625	-10.0	150	0.00
15 T	Acrylonitrile	0.119	0.127	-6.7	142	0.00
16 T	Acetone	0.139	0.131	5.8	110	0.00
17 T	Carbon Disulfide	1.420	1.419	0.1	137	0.00
18 T	Methyl Acetate	0.312	0.358	-14.7	155#	0.00
19 T	Methyl tert-butyl Ether	1.280	1.282	-0.2	130	0.00
20 T	Methylene Chloride	0.762	0.545	28.5#	124	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.513	-0.2	135	0.00
22 T	Diisopropyl ether	1.132	1.276	-12.7	151#	0.00
23 T	Vinyl Acetate	0.705	0.760	-7.8	140	0.00
24 P	1,1-Dichloroethane	0.785	0.835	-6.4	143	0.00
25 T	2-Butanone	0.154	0.162	-5.2	134	0.00
26 T	2,2-Dichloropropane	0.852	0.813	4.6	130	0.00
27 T	cis-1,2-Dichloroethene	0.563	0.577	-2.5	137	0.00
28 T	Bromochloromethane	0.171	0.172	-0.6	140	0.00
29 T	Tetrahydrofuran	0.084	0.095	-13.1	145	0.00
30 C	Chloroform	0.927	0.918	1.0#	133	0.00
31 T	Cyclohexane	0.729	0.736	-1.0	151#	0.00
32 T	1,1,1-Trichloroethane	0.918	0.867	5.6	127	0.00
33 S	1,2-Dichloroethane-d4	0.465	0.388	16.6	123	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	131	0.00
35 S	Dibromofluoromethane	0.265	0.245	7.5	133	0.00
36 T	1,1-Dichloropropene	0.450	0.445	1.1	137	0.00
37 T	Ethyl Acetate	0.198	0.204	-3.0	136	0.00
38 T	Carbon Tetrachloride	0.581	0.529	9.0	126	0.00
39 T	Methylcyclohexane	0.550	0.556	-1.1	142	0.00
40 TM	Benzene	1.299	1.310	-0.8	139	0.00
41 T	Methacrylonitrile	0.117	0.142	-21.4	155#	0.00
42 TM	1,2-Dichloroethane	0.413	0.385	6.8	124	0.00
43 T	Isopropyl Acetate	0.369	0.388	-5.1	138	0.00
44 TM	Trichloroethene	0.388	0.385	0.8	135	0.00
45 C	1,2-Dichloropropane	0.271	0.296	-9.2#	149	0.00
46 T	Dibromomethane	0.181	0.183	-1.1	134	0.00
47 T	Bromodichloromethane	0.457	0.453	0.9	133	0.00
48 T	Methyl methacrylate	0.170	0.191	-12.4	142	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	133	0.00
50 S	Toluene-d8	1.044	0.886	15.1	131	0.00
51 T	4-Methyl-2-Pentanone	0.197	0.210	-6.6	139	0.00
52 CM	Toluene	0.865	0.861	0.5#	134	0.00
53 T	t-1,3-Dichloropropene	0.478	0.475	0.6	131	0.00
54 T	cis-1,3-Dichloropropene	0.514	0.528	-2.7	136	0.00
55 T	1,1,2-Trichloroethane	0.258	0.265	-2.7	137	0.00
56 T	Ethyl methacrylate	0.338	0.356	-5.3	135	0.00
57 T	1,3-Dichloropropane	0.421	0.437	-3.8	138	0.00
58 T	2-Chloroethyl Vinyl ether	0.112	0.110	1.8	133	0.00
59 T	2-Hexanone	0.150	0.156	-4.0	130	0.00
60 T	Dibromochloromethane	0.342	0.341	0.3	130	0.00
61 T	1,2-Dibromoethane	0.249	0.254	-2.0	135	0.00
62 S	4-Bromofluorobenzene	0.373	0.334	10.5	132	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	132	0.00
64 T	Tetrachloroethene	0.456	0.476	-4.4	139	0.00
65 PM	Chlorobenzene	1.023	1.004	1.9	134	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.378	2.1	129	0.00
67 C	Ethyl Benzene	1.828	1.804	1.3#	133	0.00
68 T	m/p-Xylenes	0.723	0.708	2.1	131	0.00
69 T	o-Xylene	0.690	0.676	2.0	131	0.00
70 T	Styrene	1.154	1.139	1.3	131	0.00
71 P	Bromoform	0.247	0.242	2.0	128	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	128	0.00
73 T	Isopropylbenzene	3.605	3.585	0.6	131	0.00
74 T	N-amyl acetate	0.707	0.739	-4.5	132	0.00
75 P	1,1,2,2-Tetrachloroethane	0.568	0.591	-4.0	134	0.00
76 T	1,2,3-Trichloropropane	0.460	0.475	-3.3	120	0.00
77 T	Bromobenzene	0.868	0.861	0.8	129	0.00
78 T	n-propylbenzene	4.219	4.174	1.1	133	0.00
79 T	2-Chlorotoluene	2.385	2.371	0.6	132	0.00
80 T	1,3,5-Trimethylbenzene	3.134	3.026	3.4	128	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.228	-2.2	129	0.00
82 T	4-Chlorotoluene	2.506	2.451	2.2	131	0.00
83 T	tert-Butylbenzene	2.732	2.617	4.2	130	0.00
84 T	1,2,4-Trimethylbenzene	3.091	3.009	2.7	127	0.00
85 T	sec-Butylbenzene	3.889	3.772	3.0	130	0.00
86 T	p-Isopropyltoluene	3.398	3.247	4.4	128	0.00
87 T	1,3-Dichlorobenzene	1.725	1.654	4.1	127	0.00
88 T	1,4-Dichlorobenzene	1.721	1.653	4.0	129	0.00
89 T	n-Butylbenzene	2.945	2.865	2.7	131	0.00
90 T	Hexachloroethane	0.613	0.600	2.1	132	0.00
91 T	1,2-Dichlorobenzene	1.540	1.483	3.7	128	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.117	0.114	2.6	125	0.00
93 T	1,2,4-Trichlorobenzene	0.987	0.944	4.4	130	0.00
94 T	Hexachlorobutadiene	0.594	0.562	5.4	132	0.00
95 T	Naphthalene	1.947	1.907	2.1	126	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.849	0.810	4.6	130	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6