

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016865.D
 Acq On : 27 Dec 2023 09:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 28 03:41:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 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	86	0.00
2 T	Dichlorodifluoromethane	0.427	0.358	16.2	88	0.00
3 P	Chloromethane	0.657	0.618	5.9	98	0.00
4 C	Vinyl Chloride	0.742	0.722	2.7#	96	0.00
5 T	Bromomethane	0.528	0.508	3.8	101	0.00
6 T	Chloroethane	0.503	0.486	3.4	97	-0.01
7 T	Trichlorofluoromethane	0.864	0.831	3.8	96	0.00
8 T	Diethyl Ether	0.276	0.275	0.4	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.530	0.506	4.5	94	-0.01
10 T	Methyl Iodide	0.552	0.482	12.7	81	-0.01
11 T	Tert butyl alcohol	0.037	0.038	-2.7	99	0.00
12 CM	1,1-Dichloroethene	0.472	0.455	3.6#	93	0.00
13 T	Acrolein	0.029	0.025	13.8	71	0.00
14 T	Allyl chloride	0.723	0.742	-2.6	97	-0.01
15 T	Acrylonitrile	0.117	0.130	-11.1	100	-0.01
16 T	Acetone	0.123	0.145	-17.9	128	-0.01
17 T	Carbon Disulfide	1.284	1.269	1.2	92	-0.01
18 T	Methyl Acetate	0.482	0.578	-19.9	99	-0.02
19 T	Methyl tert-butyl Ether	1.215	1.214	0.1	94	-0.01
20 T	Methylene Chloride	0.723	0.571	21.0	93	-0.01
21 T	trans-1,2-Dichloroethene	0.538	0.540	-0.4	95	-0.02
22 T	Diisopropyl ether	1.636	1.732	-5.9	100	-0.01
23 T	Vinyl Acetate	0.774	0.799	-3.2	98	-0.01
24 P	1,1-Dichloroethane	0.983	0.998	-1.5	97	-0.01
25 T	2-Butanone	0.170	0.187	-10.0	111	0.00
26 T	2,2-Dichloropropane	0.857	0.850	0.8	98	-0.01
27 T	cis-1,2-Dichloroethene	0.620	0.616	0.6	94	-0.01
28 T	Bromochloromethane	0.389	0.442	-13.6	89	-0.01
29 T	Tetrahydrofuran	0.093	0.105	-12.9	100	0.00
30 C	Chloroform	1.006	1.030	-2.4#	99	-0.01
31 T	Cyclohexane	0.875	0.824	5.8	94	-0.01
32 T	1,1,1-Trichloroethane	0.883	0.868	1.7	96	0.00
33 S	1,2-Dichloroethane-d4	0.456	0.485	-6.4	80	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35 S	Dibromofluoromethane	0.286	0.307	-7.3	81	0.00
36 T	1,1-Dichloropropene	0.459	0.454	1.1	95	0.00
37 T	Ethyl Acetate	0.197	0.212	-7.6	98	-0.01
38 T	Carbon Tetrachloride	0.454	0.447	1.5	96	-0.01
39 T	Methylcyclohexane	0.530	0.529	0.2	94	0.00
40 TM	Benzene	1.336	1.370	-2.5	98	0.00
41 T	Methacrylonitrile	0.104	0.115	-10.6	91	0.00
42 TM	1,2-Dichloroethane	0.349	0.359	-2.9	96	-0.01
43 T	Isopropyl Acetate	0.382	0.398	-4.2	97	0.00
44 TM	Trichloroethene	0.341	0.337	1.2	95	0.00
45 C	1,2-Dichloropropane	0.335	0.350	-4.5#	100	0.00
46 T	Dibromomethane	0.173	0.180	-4.0	99	0.00
47 T	Bromodichloromethane	0.456	0.468	-2.6	99	0.00
48 T	Methyl methacrylate	0.212	0.231	-9.0	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	108	0.00
50 S	Toluene-d8	1.032	1.105	-7.1	80	0.00
51 T	4-Methyl-2-Pentanone	0.204	0.224	-9.8	100	0.00
52 CM	Toluene	0.801	0.827	-3.2#	97	0.00
53 T	t-1,3-Dichloropropene	0.416	0.433	-4.1	96	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.521	-3.8	97	0.00
55 T	1,1,2-Trichloroethane	0.247	0.257	-4.0	99	0.00
56 T	Ethyl methacrylate	0.217	0.234	-7.8	96	0.00
57 T	1,3-Dichloropropane	0.420	0.436	-3.8	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.117	0.153	-30.8#	84	0.00
59 T	2-Hexanone	0.152	0.165	-8.6	105	0.00
60 T	Dibromochloromethane	0.286	0.298	-4.2	99	0.00
61 T	1,2-Dibromoethane	0.222	0.230	-3.6	97	0.00
62 S	4-Bromofluorobenzene	0.335	0.359	-7.2	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.311	0.298	4.2	96	0.00
65 PM	Chlorobenzene	0.982	0.971	1.1	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.360	2.7	97	0.00
67 C	Ethyl Benzene	1.808	1.815	-0.4#	99	0.00
68 T	m/p-Xylenes	0.668	0.678	-1.5	99	0.00
69 T	o-Xylene	0.613	0.630	-2.8	99	0.00
70 T	Styrene	0.906	0.939	-3.6	99	0.00
71 P	Bromoform	0.184	0.182	1.1	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.894	3.799	2.4	99	0.00
74 T	N-amyl acetate	0.817	0.816	0.1	99	0.00
75 P	1,1,2,2-Tetrachloroethane	0.778	0.768	1.3	101	0.00
76 T	1,2,3-Trichloropropane	0.553	0.540	2.4	112	0.00
77 T	Bromobenzene	0.850	0.809	4.8	98	0.00
78 T	n-propylbenzene	4.718	4.655	1.3	99	0.00
79 T	2-Chlorotoluene	2.611	2.530	3.1	99	0.00
80 T	1,3,5-Trimethylbenzene	3.082	3.072	0.3	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.235	0.229	2.6	99	0.00
82 T	4-Chlorotoluene	2.678	2.636	1.6	100	0.00
83 T	tert-Butylbenzene	2.681	2.615	2.5	97	0.00
84 T	1,2,4-Trimethylbenzene	3.040	3.040	0.0	99	0.00
85 T	sec-Butylbenzene	3.971	3.918	1.3	100	0.00
86 T	p-Isopropyltoluene	3.307	3.268	1.2	99	0.00
87 T	1,3-Dichlorobenzene	1.660	1.613	2.8	101	0.00
88 T	1,4-Dichlorobenzene	1.621	1.571	3.1	100	0.00
89 T	n-Butylbenzene	3.162	3.157	0.2	99	0.00
90 T	Hexachloroethane	0.689	0.677	1.7	104	0.00
91 T	1,2-Dichlorobenzene	1.414	1.388	1.8	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.096	5.0	98	0.00
93 T	1,2,4-Trichlorobenzene	0.750	0.737	1.7	98	0.00
94 T	Hexachlorobutadiene	0.426	0.415	2.6	98	0.00
95 T	Naphthalene	1.420	1.369	3.6	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.639	0.617	3.4	94	0.00

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