

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016226.D
 Acq On : 06 Nov 2023 09:35
 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: Nov 06 23:53:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 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	91	-0.01
2 T	Dichlorodifluoromethane	0.319	0.307	3.8	84	0.00
3 P	Chloromethane	0.442	0.383	13.3	80	0.00
4 C	Vinyl Chloride	0.456	0.439	3.7#	86	0.00
5 T	Bromomethane	0.308	0.292	5.2	88	0.00
6 T	Chloroethane	0.321	0.298	7.2	85	0.00
7 T	Trichlorofluoromethane	0.688	0.706	-2.6	92	0.00
8 T	Diethyl Ether	0.228	0.231	-1.3	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.433	0.441	-1.8	92	0.00
10 T	Methyl Iodide	0.482	0.474	1.7	91	-0.01
11 T	Tert butyl alcohol	0.035	0.032	8.6	104	0.00
12 CM	1,1-Dichloroethene	0.396	0.392	1.0#	92	0.00
13 T	Acrolein	0.035	0.038	-8.6	126	0.00
14 T	Allyl chloride	0.566	0.608	-7.4	100	-0.01
15 T	Acrylonitrile	0.097	0.102	-5.2	103	-0.01
16 T	Acetone	0.086	0.079	8.1	105	0.00
17 T	Carbon Disulfide	0.988	0.953	3.5	86	0.00
18 T	Methyl Acetate	0.376	0.395	-5.1	105	0.00
19 T	Methyl tert-butyl Ether	1.125	1.150	-2.2	98	-0.01
20 T	Methylene Chloride	0.533	0.458	14.1	91	-0.01
21 T	trans-1,2-Dichloroethene	0.461	0.452	2.0	90	-0.02
22 T	Diisopropyl ether	1.369	1.410	-3.0	97	-0.01
23 T	Vinyl Acetate	0.672	0.692	-3.0	99	-0.01
24 P	1,1-Dichloroethane	0.819	0.837	-2.2	96	-0.02
25 T	2-Butanone	0.129	0.132	-2.3	107	-0.01
26 T	2,2-Dichloropropane	0.774	0.778	-0.5	92	0.00
27 T	cis-1,2-Dichloroethene	0.542	0.550	-1.5	95	-0.01
28 T	Bromochloromethane	0.307	0.337	-9.8	101	-0.01
29 T	Tetrahydrofuran	0.081	0.085	-4.9	103	0.00
30 C	Chloroform	0.892	0.896	-0.4#	94	0.00
31 T	Cyclohexane	0.719	0.681	5.3	90	-0.01
32 T	1,1,1-Trichloroethane	0.818	0.806	1.5	91	0.00
33 S	1,2-Dichloroethane-d4	0.468	0.484	-3.4	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.298	0.301	-1.0	101	0.00
36 T	1,1-Dichloropropene	0.430	0.416	3.3	92	-0.01
37 T	Ethyl Acetate	0.192	0.190	1.0	100	-0.01
38 T	Carbon Tetrachloride	0.426	0.446	-4.7	96	0.00
39 T	Methylcyclohexane	0.514	0.496	3.5	87	0.00
40 TM	Benzene	1.236	1.188	3.9	93	-0.01
41 T	Methacrylonitrile	0.111	0.098	11.7	98	0.00
42 TM	1,2-Dichloroethane	0.345	0.331	4.1	95	0.00
43 T	Isopropyl Acetate	0.379	0.377	0.5	101	-0.01
44 TM	Trichloroethene	0.362	0.343	5.2	90	-0.01
45 C	1,2-Dichloropropane	0.297	0.300	-1.0#	96	-0.01
46 T	Dibromomethane	0.169	0.167	1.2	96	0.00
47 T	Bromodichloromethane	0.428	0.430	-0.5	97	-0.01
48 T	Methyl methacrylate	0.172	0.171	0.6	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	93	-0.01
50 S	Toluene-d8	1.182	1.205	-1.9	99	0.00
51 T	4-Methyl-2-Pentanone	0.189	0.192	-1.6	101	0.00
52 CM	Toluene	0.801	0.767	4.2#	91	0.00
53 T	t-1,3-Dichloropropene	0.428	0.427	0.2	98	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.493	1.8	96	0.00
55 T	1,1,2-Trichloroethane	0.237	0.233	1.7	97	0.00
56 T	Ethyl methacrylate	0.308	0.311	-1.0	98	0.00
57 T	1,3-Dichloropropane	0.404	0.396	2.0	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.149	0.162	-8.7	109	0.00
59 T	2-Hexanone	0.130	0.143	-10.0	110	0.00
60 T	Dibromochloromethane	0.298	0.293	1.7	96	0.00
61 T	1,2-Dibromoethane	0.226	0.220	2.7	96	0.00
62 S	4-Bromofluorobenzene	0.404	0.395	2.2	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.445	0.390	12.4	83	-0.01
65 PM	Chlorobenzene	0.993	0.953	4.0	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.368	0.372	-1.1	97	0.00
67 C	Ethyl Benzene	1.777	1.722	3.1#	91	0.00
68 T	m/p-Xylenes	0.687	0.659	4.1	89	0.00
69 T	o-Xylene	0.656	0.636	3.0	92	0.00
70 T	Styrene	1.090	1.054	3.3	91	0.00
71 P	Bromoform	0.204	0.207	-1.5	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.751	3.708	1.1	90	0.00
74 T	N-amyl acetate	0.815	0.825	-1.2	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.597	0.623	-4.4	103	0.00
76 T	1,2,3-Trichloropropane	0.471	0.469	0.4	86	0.00
77 T	Bromobenzene	0.849	0.835	1.6	93	0.00
78 T	n-propylbenzene	4.434	4.432	0.0	90	0.00
79 T	2-Chlorotoluene	2.473	2.417	2.3	90	0.00
80 T	1,3,5-Trimethylbenzene	3.039	2.978	2.0	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.217	0.223	-2.8	99	0.00
82 T	4-Chlorotoluene	2.540	2.507	1.3	92	0.00
83 T	tert-Butylbenzene	2.719	2.691	1.0	89	0.00
84 T	1,2,4-Trimethylbenzene	3.007	2.927	2.7	90	0.00
85 T	sec-Butylbenzene	3.991	3.970	0.5	90	0.00
86 T	p-Isopropyltoluene	3.307	3.261	1.4	89	0.00
87 T	1,3-Dichlorobenzene	1.680	1.628	3.1	90	0.00
88 T	1,4-Dichlorobenzene	1.660	1.615	2.7	93	0.00
89 T	n-Butylbenzene	3.039	3.051	-0.4	91	0.00
90 T	Hexachloroethane	0.570	0.616	-8.1	98	0.00
91 T	1,2-Dichlorobenzene	1.451	1.430	1.4	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.107	0.100	6.5	93	0.00
93 T	1,2,4-Trichlorobenzene	0.896	0.841	6.1	87	0.00
94 T	Hexachlorobutadiene	0.489	0.487	0.4	91	0.00
95 T	Naphthalene	1.740	1.529	12.1	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.765	0.691	9.7	86	0.00

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