

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015456.D
 Acq On : 06 Sep 2023 18:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 06 19:01:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 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	119	0.00
2 T	Dichlorodifluoromethane	0.435	0.387	11.0	100	0.00
3 P	Chloromethane	0.577	0.470	18.5	90	0.00
4 C	Vinyl Chloride	0.672	0.535	20.4#	89	0.00
5 T	Bromomethane	0.478	0.404	15.5	95	-0.01
6 T	Chloroethane	0.442	0.365	17.4	94	0.00
7 T	Trichlorofluoromethane	0.950	0.814	14.3	98	0.00
8 T	Diethyl Ether	0.325	0.302	7.1	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.473	10.2	101	-0.01
10 T	Methyl Iodide	0.619	0.486	21.5	83	0.00
11 T	Tert butyl alcohol	0.124	0.104	16.1	103	0.00
12 CM	1,1-Dichloroethene	0.497	0.436	12.3#	99	-0.01
13 T	Acrolein	0.126	0.132	-4.8	89	0.00
14 T	Allyl chloride	0.791	0.711	10.1	99	-0.01
15 T	Acrylonitrile	0.204	0.206	-1.0	106	-0.01
16 T	Acetone	0.224	0.180	19.6	76	0.00
17 T	Carbon Disulfide	1.486	1.156	22.2	87	0.00
18 T	Methyl Acetate	0.810	0.840	-3.7	110	0.00
19 T	Methyl tert-butyl Ether	1.615	1.539	4.7	103	0.00
20 T	Methylene Chloride	0.892	0.566	36.5#	92	0.00
21 T	trans-1,2-Dichloroethene	0.572	0.496	13.3	97	-0.01
22 T	Diisopropyl ether	1.731	1.569	9.4	101	0.00
23 T	Vinyl Acetate	1.093	1.008	7.8	99	0.00
24 P	1,1-Dichloroethane	1.001	0.881	12.0	101	0.00
25 T	2-Butanone	0.317	0.304	4.1	96	0.00
26 T	2,2-Dichloropropane	0.850	0.757	10.9	101	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.585	9.9	100	0.00
28 T	Bromochloromethane	0.307	0.273	11.1	104	0.00
29 T	Tetrahydrofuran	0.199	0.201	-1.0	105	0.00
30 C	Chloroform	1.052	0.953	9.4#	103	0.00
31 T	Cyclohexane	0.952	0.764	19.7	95	-0.01
32 T	1,1,1-Trichloroethane	0.939	0.853	9.2	102	0.00
33 S	1,2-Dichloroethane-d4	0.536	0.480	10.4	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	117	0.00
35 S	Dibromofluoromethane	0.288	0.266	7.6	106	0.00
36 T	1,1-Dichloropropene	0.506	0.436	13.8	98	0.00
37 T	Ethyl Acetate	0.390	0.379	2.8	102	0.00
38 T	Carbon Tetrachloride	0.522	0.470	10.0	101	0.00
39 T	Methylcyclohexane	0.637	0.543	14.8	95	0.00
40 TM	Benzene	1.411	1.253	11.2	99	0.00
41 T	Methacrylonitrile	0.183	0.207	-13.1	118	0.00
42 TM	1,2-Dichloroethane	0.470	0.427	9.1	99	0.00
43 T	Isopropyl Acetate	0.674	0.665	1.3	104	0.00
44 TM	Trichloroethene	0.399	0.360	9.8	102	0.00
45 C	1,2-Dichloropropane	0.356	0.319	10.4#	99	0.00
46 T	Dibromomethane	0.236	0.217	8.1	101	0.00
47 T	Bromodichloromethane	0.505	0.468	7.3	102	0.00
48 T	Methyl methacrylate	0.309	0.297	3.9	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.005	-25.0	117	0.00
50 S	Toluene-d8	1.043	0.919	11.9	104	0.00
51 T	4-Methyl-2-Pentanone	0.392	0.399	-1.8	105	0.00
52 CM	Toluene	0.904	0.818	9.5#	100	0.00
53 T	t-1,3-Dichloropropene	0.537	0.507	5.6	101	0.00
54 T	cis-1,3-Dichloropropene	0.584	0.544	6.8	101	0.00
55 T	1,1,2-Trichloroethane	0.318	0.302	5.0	104	0.00
56 T	Ethyl methacrylate	0.472	0.468	0.8	104	0.00
57 T	1,3-Dichloropropane	0.548	0.513	6.4	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.168	0.161	4.2	109	0.00
59 T	2-Hexanone	0.294	0.299	-1.7	102	0.00
60 T	Dibromochloromethane	0.373	0.361	3.2	105	0.00
61 T	1,2-Dibromoethane	0.323	0.311	3.7	104	0.00
62 S	4-Bromofluorobenzene	0.387	0.374	3.4	112	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
64 T	Tetrachloroethene	0.454	0.444	2.2	109	0.00
65 PM	Chlorobenzene	1.077	0.974	9.6	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.372	5.6	106	0.00
67 C	Ethyl Benzene	1.935	1.795	7.2#	105	0.00
68 T	m/p-Xylenes	0.750	0.680	9.3	102	0.00
69 T	o-Xylene	0.717	0.674	6.0	105	0.00
70 T	Styrene	1.205	1.132	6.1	103	0.00
71 P	Bromoform	0.275	0.280	-1.8	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	120	0.00
73 T	Isopropylbenzene	3.756	3.310	11.9	104	0.00
74 T	N-amyl acetate	1.262	1.195	5.3	102	0.00
75 P	1,1,2,2-Tetrachloroethane	0.897	0.823	8.2	104	0.00
76 T	1,2,3-Trichloropropane	0.663	0.705	-6.3	119	0.00
77 T	Bromobenzene	0.890	0.801	10.0	106	0.00
78 T	n-propylbenzene	4.544	3.944	13.2	101	0.00
79 T	2-Chlorotoluene	2.549	2.223	12.8	102	0.00
80 T	1,3,5-Trimethylbenzene	3.141	2.834	9.8	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.315	-4.7	117	0.00
82 T	4-Chlorotoluene	2.649	2.319	12.5	102	0.00
83 T	tert-Butylbenzene	2.751	2.523	8.3	107	0.00
84 T	1,2,4-Trimethylbenzene	3.119	2.846	8.8	106	0.00
85 T	sec-Butylbenzene	4.104	3.698	9.9	105	0.00
86 T	p-Isopropyltoluene	3.440	3.097	10.0	104	0.00
87 T	1,3-Dichlorobenzene	1.756	1.582	9.9	105	0.00
88 T	1,4-Dichlorobenzene	1.775	1.584	10.8	105	0.00
89 T	n-Butylbenzene	3.237	2.973	8.2	107	0.00
90 T	Hexachloroethane	0.615	0.560	8.9	106	0.00
91 T	1,2-Dichlorobenzene	1.603	1.468	8.4	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.177	0.182	-2.8	113	0.00
93 T	1,2,4-Trichlorobenzene	1.006	0.957	4.9	108	0.00
94 T	Hexachlorobutadiene	0.549	0.522	4.9	114	0.00
95 T	Naphthalene	2.493	4.217	-69.2#	184#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	0.896	2.4	113	0.00

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