

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016699.D
 Acq On : 19 Dec 2023 16:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 20 06:35:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 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	98	0.01
2 T	Dichlorodifluoromethane	0.395	0.337	14.7	93	0.00
3 P	Chloromethane	0.759	0.617	18.7	90	0.00
4 C	Vinyl Chloride	0.966	0.863	10.7#	95	0.01
5 T	Bromomethane	0.838	0.716	14.6	96	0.01
6 T	Chloroethane	0.723	0.622	14.0	95	0.01
7 T	Trichlorofluoromethane	0.846	0.754	10.9	95	0.00
8 T	Diethyl Ether	0.227	0.211	7.0	97	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.459	0.431	6.1	98	0.01
10 T	Methyl Iodide	0.521	0.518	0.6	99	0.01
11 T	Tert butyl alcohol	0.030	0.025	16.7	96	0.00
12 CM	1,1-Dichloroethene	0.416	0.386	7.2#	96	0.01
13 T	Acrolein	0.023	0.020	13.0	100	0.01
14 T	Allyl chloride	0.520	0.486	6.5	95	0.01
15 T	Acrylonitrile	0.091	0.085	6.6	98	0.00
16 T	Acetone	0.103	0.080	22.3	100	0.01
17 T	Carbon Disulfide	1.115	1.072	3.9	96	0.01
18 T	Methyl Acetate	0.358	0.351	2.0	98	0.00
19 T	Methyl tert-butyl Ether	1.006	0.995	1.1	100	0.01
20 T	Methylene Chloride	0.526	0.448	14.8	94	0.01
21 T	trans-1,2-Dichloroethene	0.471	0.443	5.9	95	0.00
22 T	Diisopropyl ether	1.190	1.164	2.2	95	0.00
23 T	Vinyl Acetate	0.582	0.566	2.7	98	0.00
24 P	1,1-Dichloroethane	0.820	0.764	6.8	95	0.00
25 T	2-Butanone	0.127	0.110	13.4	103	0.00
26 T	2,2-Dichloropropane	0.744	0.716	3.8	99	0.00
27 T	cis-1,2-Dichloroethene	0.532	0.505	5.1	96	0.00
28 T	Bromochloromethane	0.298	0.332	-11.4	117	0.00
29 T	Tetrahydrofuran	0.067	0.065	3.0	100	0.00
30 C	Chloroform	0.879	0.829	5.7#	97	0.00
31 T	Cyclohexane	0.677	0.613	9.5	95	0.00
32 T	1,1,1-Trichloroethane	0.781	0.750	4.0	98	0.00
33 S	1,2-Dichloroethane-d4	0.414	0.410	1.0	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.294	0.296	-0.7	92	0.00
36 T	1,1-Dichloropropene	0.445	0.434	2.5	97	0.00
37 T	Ethyl Acetate	0.171	0.164	4.1	101	0.00
38 T	Carbon Tetrachloride	0.481	0.462	4.0	97	0.00
39 T	Methylcyclohexane	0.513	0.517	-0.8	97	0.00
40 TM	Benzene	1.280	1.235	3.5	96	0.00
41 T	Methacrylonitrile	0.091	0.079	13.2	75	0.00
42 TM	1,2-Dichloroethane	0.362	0.353	2.5	98	0.00
43 T	Isopropyl Acetate	0.328	0.322	1.8	100	0.00
44 TM	Trichloroethene	0.352	0.345	2.0	99	0.00
45 C	1,2-Dichloropropane	0.306	0.295	3.6#	96	0.00
46 T	Dibromomethane	0.173	0.173	0.0	101	0.00
47 T	Bromodichloromethane	0.451	0.437	3.1	97	0.00
48 T	Methyl methacrylate	0.178	0.177	0.6	96	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.001	50.0#	89	0.01
50 S	Toluene-d8	1.066	1.093	-2.5	92	0.00
51 T	4-Methyl-2-Pentanone	0.168	0.172	-2.4	103	0.00
52 CM	Toluene	0.783	0.771	1.5#	96	0.00
53 T	t-1,3-Dichloropropene	0.404	0.402	0.5	98	0.00
54 T	cis-1,3-Dichloropropene	0.479	0.479	0.0	98	0.00
55 T	1,1,2-Trichloroethane	0.239	0.233	2.5	100	0.00
56 T	Ethyl methacrylate	0.194	0.202	-4.1	102	0.00
57 T	1,3-Dichloropropane	0.394	0.394	0.0	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.119	0.117	1.7	96	0.00
59 T	2-Hexanone	0.123	0.120	2.4	104	0.00
60 T	Dibromochloromethane	0.290	0.290	0.0	99	0.00
61 T	1,2-Dibromoethane	0.215	0.215	0.0	101	0.00
62 S	4-Bromofluorobenzene	0.303	0.304	-0.3	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.345	0.343	0.6	98	0.00
65 PM	Chlorobenzene	0.990	0.991	-0.1	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.384	0.381	0.8	99	0.00
67 C	Ethyl Benzene	1.769	1.776	-0.4#	97	0.00
68 T	m/p-Xylenes	0.671	0.682	-1.6	97	0.00
69 T	o-Xylene	0.613	0.622	-1.5	96	0.00
70 T	Styrene	0.884	0.909	-2.8	97	0.00
71 P	Bromoform	0.199	0.202	-1.5	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.457	3.589	-3.8	99	0.00
74 T	N-amyl acetate	0.626	0.659	-5.3	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.643	0.638	0.8	100	0.00
76 T	1,2,3-Trichloropropane	0.435	0.460	-5.7	99	0.00
77 T	Bromobenzene	0.834	0.828	0.7	98	0.00
78 T	n-propylbenzene	4.099	4.188	-2.2	97	0.00
79 T	2-Chlorotoluene	2.195	2.187	0.4	96	0.00
80 T	1,3,5-Trimethylbenzene	2.709	2.827	-4.4	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.190	-0.5	99	0.00
82 T	4-Chlorotoluene	2.270	2.269	0.0	97	0.00
83 T	tert-Butylbenzene	2.438	2.486	-2.0	99	0.00
84 T	1,2,4-Trimethylbenzene	2.716	2.801	-3.1	96	0.00
85 T	sec-Butylbenzene	3.515	3.607	-2.6	97	0.00
86 T	p-Isopropyltoluene	3.073	3.228	-5.0	99	0.00
87 T	1,3-Dichlorobenzene	1.650	1.663	-0.8	99	0.00
88 T	1,4-Dichlorobenzene	1.580	1.593	-0.8	99	0.00
89 T	n-Butylbenzene	2.810	2.972	-5.8	99	0.00
90 T	Hexachloroethane	0.613	0.623	-1.6	99	0.00
91 T	1,2-Dichlorobenzene	1.355	1.385	-2.2	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.084	0.081	3.6	103	0.00
93 T	1,2,4-Trichlorobenzene	0.810	0.872	-7.7	107	0.01
94 T	Hexachlorobutadiene	0.512	0.542	-5.9	105	0.01
95 T	Naphthalene	1.297	1.414	-9.0	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.685	0.735	-7.3	107	0.01

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