

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017874.D
 Acq On : 05 Apr 2024 16:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 06 04:49:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 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	57	0.00
2 T	Dichlorodifluoromethane	0.334	0.334	0.0	69	0.01
3 P	Chloromethane	0.653	0.687	-5.2	67	0.00
4 C	Vinyl Chloride	0.853	1.054	-23.6#	80	0.01
5 T	Bromomethane	0.690	0.894	-29.6#	88	0.01
6 T	Chloroethane	0.556	0.760	-36.7#	88	0.01
7 T	Trichlorofluoromethane	0.832	0.791	4.9	63	0.02
8 T	Diethyl Ether	0.244	0.239	2.0	63	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.459	8.0	61	0.02
10 T	Methyl Iodide	0.542	0.545	-0.6	60	0.02
11 T	Tert butyl alcohol	0.044	0.029	34.1#	55	0.00
12 CM	1,1-Dichloroethene	0.467	0.434	7.1#	60	0.02
13 T	Acrolein	0.030	0.021	30.0#	43#	0.02
14 T	Allyl chloride	0.573	0.517	9.8	57	0.02
15 T	Acrylonitrile	0.103	0.093	9.7	57	0.02
16 T	Acetone	0.089	0.073	18.0	51	0.01
17 T	Carbon Disulfide	1.321	1.188	10.1	54	0.02
18 T	Methyl Acetate	0.198	0.177	10.6	58	0.01
19 T	Methyl tert-butyl Ether	1.069	1.085	-1.5	65	0.02
20 T	Methylene Chloride	0.662	0.560	15.4	64	0.01
21 T	trans-1,2-Dichloroethene	0.499	0.491	1.6	62	0.01
22 T	Diisopropyl ether	1.324	1.311	1.0	63	0.01
23 T	Vinyl Acetate	0.808	0.779	3.6	60	0.02
24 P	1,1-Dichloroethane	0.878	0.885	-0.8	65	0.02
25 T	2-Butanone	0.127	0.110	13.4	54	0.02
26 T	2,2-Dichloropropane	0.759	0.721	5.0	64	0.01
27 T	cis-1,2-Dichloroethene	0.590	0.603	-2.2	65	0.02
28 T	Bromochloromethane	0.357	0.366	-2.5	56	0.02
29 T	Tetrahydrofuran	0.076	0.068	10.5	56	0.01
30 C	Chloroform	0.911	0.959	-5.3#	69	0.01
31 T	Cyclohexane	0.762	0.648	15.0	56	0.01
32 T	1,1,1-Trichloroethane	0.776	0.798	-2.8	68	0.01
33 S	1,2-Dichloroethane-d4	0.433	0.451	-4.2	65	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	59	0.01
35 S	Dibromofluoromethane	0.289	0.290	-0.3	64	0.01
36 T	1,1-Dichloropropene	0.422	0.400	5.2	62	0.01
37 T	Ethyl Acetate	0.182	0.160	12.1	60	0.01
38 T	Carbon Tetrachloride	0.438	0.425	3.0	65	0.01
39 T	Methylcyclohexane	0.527	0.469	11.0	58	0.00
40 TM	Benzene	1.299	1.259	3.1	65	0.01
41 T	Methacrylonitrile	0.108	0.074	31.5#	43#	0.00
42 TM	1,2-Dichloroethane	0.320	0.324	-1.3	68	0.00
43 T	Isopropyl Acetate	0.330	0.296	10.3	60	0.00
44 TM	Trichloroethene	0.338	0.318	5.9	63	0.01
45 C	1,2-Dichloropropane	0.302	0.287	5.0#	64	0.00
46 T	Dibromomethane	0.172	0.166	3.5	65	0.01
47 T	Bromodichloromethane	0.433	0.441	-1.8	69	0.00
48 T	Methyl methacrylate	0.146	0.130	11.0	58	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	60	0.00
50 S	Toluene-d8	1.079	1.074	0.5	62	0.00
51 T	4-Methyl-2-Pentanone	0.175	0.157	10.3	59	0.00
52 CM	Toluene	0.788	0.777	1.4#	66	0.00
53 T	t-1,3-Dichloropropene	0.385	0.371	3.6	64	0.00
54 T	cis-1,3-Dichloropropene	0.470	0.451	4.0	64	0.00
55 T	1,1,2-Trichloroethane	0.229	0.223	2.6	67	0.00
56 T	Ethyl methacrylate	0.290	0.277	4.5	60	0.00
57 T	1,3-Dichloropropane	0.387	0.364	5.9	64	0.00
58 T	2-Chloroethyl Vinyl ether	0.152	0.168	-10.5	63	0.00
59 T	2-Hexanone	0.120	0.107	10.8	56	0.00
60 T	Dibromochloromethane	0.288	0.286	0.7	67	0.00
61 T	1,2-Dibromoethane	0.208	0.202	2.9	65	0.00
62 S	4-Bromofluorobenzene	0.328	0.320	2.4	62	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	61	0.00
64 T	Tetrachloroethene	0.436	0.421	3.4	66	0.00
65 PM	Chlorobenzene	1.026	0.980	4.5	66	0.00
66 T	1,1,1,2-Tetrachloroethane	0.348	0.346	0.6	69	0.00
67 C	Ethyl Benzene	1.763	1.731	1.8#	67	0.00
68 T	m/p-Xylenes	0.669	0.656	1.9	67	0.00
69 T	o-Xylene	0.621	0.618	0.5	68	0.00
70 T	Styrene	1.047	1.064	-1.6	68	0.00
71 P	Bromoform	0.193	0.175	9.3	63	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	58	0.00
73 T	Isopropylbenzene	3.504	3.520	-0.5	68	0.00
74 T	N-amyl acetate	0.702	0.629	10.4	58	0.00
75 P	1,1,2,2-Tetrachloroethane	0.606	0.550	9.2	63	0.00
76 T	1,2,3-Trichloropropane	0.456	0.378	17.1	55	0.00
77 T	Bromobenzene	0.835	0.802	4.0	67	0.00
78 T	n-propylbenzene	4.276	4.211	1.5	66	0.00
79 T	2-Chlorotoluene	2.342	2.280	2.6	66	0.00
80 T	1,3,5-Trimethylbenzene	2.735	2.758	-0.8	68	0.00
81 T	trans-1,4-Dichloro-2-butene	0.206	0.179	13.1	58	0.00
82 T	4-Chlorotoluene	2.425	2.275	6.2	63	0.00
83 T	tert-Butylbenzene	2.486	2.510	-1.0	69	0.00
84 T	1,2,4-Trimethylbenzene	2.724	2.743	-0.7	68	0.00
85 T	sec-Butylbenzene	3.732	3.726	0.2	67	0.00
86 T	p-Isopropyltoluene	3.119	3.049	2.2	67	0.00
87 T	1,3-Dichlorobenzene	1.656	1.585	4.3	67	0.00
88 T	1,4-Dichlorobenzene	1.585	1.516	4.4	66	0.00
89 T	n-Butylbenzene	2.870	2.843	0.9	66	0.00
90 T	Hexachloroethane	0.620	0.604	2.6	68	0.00
91 T	1,2-Dichlorobenzene	1.373	1.309	4.7	64	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.082	0.069	15.9	58	0.00
93 T	1,2,4-Trichlorobenzene	0.752	0.691	8.1	60	0.00
94 T	Hexachlorobutadiene	0.456	0.400	12.3	60	0.00
95 T	Naphthalene	1.246	1.169	6.2	59	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.635	0.579	8.8	59	0.00

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