

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017063.D
 Acq On : 19 Jan 2024 18:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 19 22:27:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 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	98	0.02
2 T	Dichlorodifluoromethane	0.403	0.420	-4.2	106	0.00
3 P	Chloromethane	0.587	0.667	-13.6	110	0.01
4 C	Vinyl Chloride	0.693	0.792	-14.3#	109	0.01
5 T	Bromomethane	0.496	0.587	-18.3	120	0.01
6 T	Chloroethane	0.469	0.523	-11.5	107	0.01
7 T	Trichlorofluoromethane	0.854	0.868	-1.6	97	0.01
8 T	Diethyl Ether	0.273	0.293	-7.3	100	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.555	0.539	2.9	94	0.02
10 T	Methyl Iodide	0.472	0.569	-20.6	106	0.03
11 T	Tert butyl alcohol	0.048	0.039	18.8	103	0.03
12 CM	1,1-Dichloroethene	0.476	0.508	-6.7#	101	0.01
13 T	Acrolein	0.060	0.044	26.7#	81	0.02
14 T	Allyl chloride	0.753	0.788	-4.6	97	0.02
15 T	Acrylonitrile	0.128	0.135	-5.5	101	0.03
16 T	Acetone	0.149	0.130	12.8	102	0.02
17 T	Carbon Disulfide	1.138	1.509	-32.6#	119	0.02
18 T	Methyl Acetate	0.529	0.664	-25.5#	107	0.02
19 T	Methyl tert-butyl Ether	1.239	1.324	-6.9	98	0.03
20 T	Methylene Chloride	0.817	0.611	25.2#	91	0.03
21 T	trans-1,2-Dichloroethene	0.545	0.594	-9.0	101	0.03
22 T	Diisopropyl ether	1.741	1.807	-3.8	94	0.03
23 T	Vinyl Acetate	0.798	0.822	-3.0	96	0.02
24 P	1,1-Dichloroethane	1.046	1.046	0.0	94	0.02
25 T	2-Butanone	0.188	0.185	1.6	103	0.02
26 T	2,2-Dichloropropane	0.907	0.865	4.6	90	0.02
27 T	cis-1,2-Dichloroethene	0.639	0.686	-7.4	100	0.02
28 T	Bromochloromethane	0.393	0.456	-16.0	100	0.02
29 T	Tetrahydrofuran	0.100	0.111	-11.0	103	0.02
30 C	Chloroform	1.078	1.073	0.5#	94	0.02
31 T	Cyclohexane	0.848	0.906	-6.8	102	0.02
32 T	1,1,1-Trichloroethane	0.914	0.910	0.4	94	0.02
33 S	1,2-Dichloroethane-d4	0.494	0.460	6.9	91	0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.01
35 S	Dibromofluoromethane	0.319	0.299	6.3	94	0.02
36 T	1,1-Dichloropropene	0.464	0.477	-2.8	98	0.02
37 T	Ethyl Acetate	0.211	0.214	-1.4	98	0.02
38 T	Carbon Tetrachloride	0.472	0.466	1.3	96	0.02
39 T	Methylcyclohexane	0.522	0.593	-13.6	104	0.02
40 TM	Benzene	1.393	1.427	-2.4	99	0.02
41 T	Methacrylonitrile	0.111	0.101	9.0	97	0.03
42 TM	1,2-Dichloroethane	0.370	0.382	-3.2	101	0.01
43 T	Isopropyl Acetate	0.404	0.414	-2.5	100	0.02
44 TM	Trichloroethene	0.354	0.364	-2.8	98	0.02
45 C	1,2-Dichloropropane	0.359	0.353	1.7#	95	0.01
46 T	Dibromomethane	0.183	0.192	-4.9	102	0.02
47 T	Bromodichloromethane	0.491	0.479	2.4	95	0.01
48 T	Methyl methacrylate	0.218	0.242	-11.0	103	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	110	0.00
50 S	Toluene-d8	1.097	0.970	11.6	85	0.01
51 T	4-Methyl-2-Pentanone	0.215	0.228	-6.0	100	0.01
52 CM	Toluene	0.841	0.884	-5.1#	100	0.01
53 T	t-1,3-Dichloropropene	0.440	0.456	-3.6	98	0.01
54 T	cis-1,3-Dichloropropene	0.529	0.549	-3.8	99	0.00
55 T	1,1,2-Trichloroethane	0.267	0.264	1.1	97	0.01
56 T	Ethyl methacrylate	0.226	0.256	-13.3	105	0.01
57 T	1,3-Dichloropropane	0.446	0.455	-2.0	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.129	0.159	-23.3	112	0.02
59 T	2-Hexanone	0.158	0.163	-3.2	102	0.00
60 T	Dibromochloromethane	0.308	0.315	-2.3	98	0.00
61 T	1,2-Dibromoethane	0.232	0.251	-8.2	103	0.00
62 S	4-Bromofluorobenzene	0.370	0.351	5.1	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.324	0.343	-5.9	105	0.01
65 PM	Chlorobenzene	1.042	1.053	-1.1	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.395	0.3	98	0.01
67 C	Ethyl Benzene	1.875	1.935	-3.2#	98	0.01
68 T	m/p-Xylenes	0.688	0.726	-5.5	100	0.01
69 T	o-Xylene	0.645	0.679	-5.3	99	0.00
70 T	Styrene	0.939	1.006	-7.1	99	0.01
71 P	Bromoform	0.195	0.203	-4.1	101	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73 T	Isopropylbenzene	4.083	4.037	1.1	97	0.01
74 T	N-amyl acetate	0.820	0.832	-1.5	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.832	0.784	5.8	99	0.00
76 T	1,2,3-Trichloropropane	0.543	0.522	3.9	89	0.00
77 T	Bromobenzene	0.899	0.887	1.3	101	0.00
78 T	n-propylbenzene	4.964	4.885	1.6	97	0.01
79 T	2-Chlorotoluene	2.753	2.649	3.8	97	0.01
80 T	1,3,5-Trimethylbenzene	3.229	3.270	-1.3	99	0.01
81 T	trans-1,4-Dichloro-2-butene	0.239	0.234	2.1	102	0.00
82 T	4-Chlorotoluene	2.812	2.766	1.6	99	0.01
83 T	tert-Butylbenzene	2.844	2.834	0.4	100	0.00
84 T	1,2,4-Trimethylbenzene	3.180	3.248	-2.1	100	0.00
85 T	sec-Butylbenzene	4.214	4.162	1.2	97	0.00
86 T	p-Isopropyltoluene	3.478	3.524	-1.3	98	0.00
87 T	1,3-Dichlorobenzene	1.763	1.737	1.5	100	0.01
88 T	1,4-Dichlorobenzene	1.724	1.687	2.1	101	0.01
89 T	n-Butylbenzene	3.344	3.377	-1.0	98	0.01
90 T	Hexachloroethane	0.747	0.707	5.4	97	0.00
91 T	1,2-Dichlorobenzene	1.524	1.493	2.0	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.100	3.8	105	0.00
93 T	1,2,4-Trichlorobenzene	0.757	0.810	-7.0	104	0.00
94 T	Hexachlorobutadiene	0.474	0.465	1.9	99	0.00
95 T	Naphthalene	1.345	1.569	-16.7	110	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.642	0.682	-6.2	104	0.00

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