

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
 Data File : VY017756.D
 Acq On : 25 Mar 2024 17:34
 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: Mar 26 03:39:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 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	102	-0.02
2 T	Dichlorodifluoromethane	0.432	0.410	5.1	99	-0.01
3 P	Chloromethane	0.559	0.619	-10.7	108	-0.01
4 C	Vinyl Chloride	0.676	0.756	-11.8#	108	-0.01
5 T	Bromomethane	0.528	0.606	-14.8	119	-0.01
6 T	Chloroethane	0.452	0.514	-13.7	112	-0.02
7 T	Trichlorofluoromethane	0.713	0.786	-10.2	108	-0.02
8 T	Diethyl Ether	0.235	0.271	-15.3	111	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.507	0.501	1.2	96	-0.02
10 T	Methyl Iodide	0.620	0.648	-4.5	94	-0.02
11 T	Tert butyl alcohol	0.029	0.035	-20.7	129	-0.02
12 CM	1,1-Dichloroethene	0.477	0.492	-3.1#	98	-0.02
13 T	Acrolein	0.035	0.043	-22.9	116	-0.02
14 T	Allyl chloride	0.647	0.654	-1.1	93	-0.02
15 T	Acrylonitrile	0.097	0.114	-17.5	110	-0.03
16 T	Acetone	0.076	0.087	-14.5	102	-0.02
17 T	Carbon Disulfide	1.597	1.596	0.1	96	-0.02
18 T	Methyl Acetate	0.192	0.229	-19.3	113	-0.03
19 T	Methyl tert-butyl Ether	1.029	1.205	-17.1	107	-0.02
20 T	Methylene Chloride	0.554	0.563	-1.6	105	-0.02
21 T	trans-1,2-Dichloroethene	0.544	0.566	-4.0	98	-0.02
22 T	Diisopropyl ether	1.408	1.513	-7.5	98	-0.02
23 T	Vinyl Acetate	0.827	0.940	-13.7	103	-0.02
24 P	1,1-Dichloroethane	0.925	0.959	-3.7	98	-0.02
25 T	2-Butanone	0.117	0.138	-17.9	108	-0.02
26 T	2,2-Dichloropropane	0.787	0.763	3.0	92	-0.02
27 T	cis-1,2-Dichloroethene	0.615	0.657	-6.8	100	-0.02
28 T	Bromochloromethane	0.359	0.389	-8.4	107	-0.01
29 T	Tetrahydrofuran	0.074	0.092	-24.3	112	-0.02
30 C	Chloroform	0.959	1.019	-6.3#	102	-0.02
31 T	Cyclohexane	0.862	0.785	8.9	89	-0.02
32 T	1,1,1-Trichloroethane	0.836	0.857	-2.5	97	-0.01
33 S	1,2-Dichloroethane-d4	0.436	0.475	-8.9	110	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	-0.01
35 S	Dibromofluoromethane	0.299	0.324	-8.4	109	-0.02
36 T	1,1-Dichloropropene	0.462	0.454	1.7	94	-0.02
37 T	Ethyl Acetate	0.177	0.202	-14.1	108	-0.02
38 T	Carbon Tetrachloride	0.483	0.491	-1.7	97	-0.01
39 T	Methylcyclohexane	0.593	0.584	1.5	90	0.00
40 TM	Benzene	1.382	1.438	-4.1	98	-0.01
41 T	Methacrylonitrile	0.088	0.119	-35.2#	124	0.00
42 TM	1,2-Dichloroethane	0.331	0.359	-8.5	104	-0.01
43 T	Isopropyl Acetate	0.321	0.374	-16.5	108	-0.01
44 TM	Trichloroethene	0.362	0.387	-6.9	105	-0.01
45 C	1,2-Dichloropropane	0.315	0.332	-5.4#	100	-0.01
46 T	Dibromomethane	0.175	0.194	-10.9	105	0.00
47 T	Bromodichloromethane	0.449	0.491	-9.4	103	0.00
48 T	Methyl methacrylate	0.146	0.170	-16.4	106	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	122	0.00
50 S	Toluene-d8	1.144	1.224	-7.0	107	-0.01
51 T	4-Methyl-2-Pentanone	0.168	0.206	-22.6	111	0.00
52 CM	Toluene	0.854	0.907	-6.2#	100	0.00
53 T	t-1,3-Dichloropropene	0.392	0.435	-11.0	103	0.00
54 T	cis-1,3-Dichloropropene	0.479	0.527	-10.0	102	0.00
55 T	1,1,2-Trichloroethane	0.224	0.257	-14.7	108	0.00
56 T	Ethyl methacrylate	0.278	0.346	-24.5	110	0.00
57 T	1,3-Dichloropropane	0.387	0.441	-14.0	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.140	0.165	-17.9	108	0.00
59 T	2-Hexanone	0.114	0.142	-24.6	109	0.00
60 T	Dibromochloromethane	0.300	0.349	-16.3	112	0.00
61 T	1,2-Dibromoethane	0.211	0.245	-16.1	110	-0.01
62 S	4-Bromofluorobenzene	0.343	0.391	-14.0	114	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.462	0.506	-9.5	108	0.00
65 PM	Chlorobenzene	1.076	1.129	-4.9	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.359	0.389	-8.4	105	-0.01
67 C	Ethyl Benzene	1.848	1.932	-4.5#	98	0.00
68 T	m/p-Xylenes	0.717	0.765	-6.7	102	0.00
69 T	o-Xylene	0.655	0.707	-7.9	102	-0.01
70 T	Styrene	1.090	1.217	-11.7	105	0.00
71 P	Bromoform	0.189	0.226	-19.6	115	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
73 T	Isopropylbenzene	3.775	3.752	0.6	101	0.00
74 T	N-amyl acetate	0.685	0.765	-11.7	110	0.00
75 P	1,1,2,2-Tetrachloroethane	0.581	0.616	-6.0	110	0.00
76 T	1,2,3-Trichloropropane	0.462	0.469	-1.5	110	0.00
77 T	Bromobenzene	0.860	0.925	-7.6	111	0.00
78 T	n-propylbenzene	4.570	4.527	0.9	99	0.00
79 T	2-Chlorotoluene	2.506	2.525	-0.8	102	0.00
80 T	1,3,5-Trimethylbenzene	2.956	3.045	-3.0	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.200	0.226	-13.0	115	0.00
82 T	4-Chlorotoluene	2.572	2.576	-0.2	103	0.00
83 T	tert-Butylbenzene	2.675	2.757	-3.1	102	0.00
84 T	1,2,4-Trimethylbenzene	2.897	3.005	-3.7	104	0.00
85 T	sec-Butylbenzene	4.009	4.043	-0.8	101	0.00
86 T	p-Isopropyltoluene	3.328	3.461	-4.0	103	0.00
87 T	1,3-Dichlorobenzene	1.742	1.815	-4.2	109	0.00
88 T	1,4-Dichlorobenzene	1.672	1.753	-4.8	109	0.00
89 T	n-Butylbenzene	3.011	3.055	-1.5	102	0.00
90 T	Hexachloroethane	0.679	0.680	-0.1	104	0.00
91 T	1,2-Dichlorobenzene	1.443	1.556	-7.8	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.070	0.090	-28.6#	127	0.00
93 T	1,2,4-Trichlorobenzene	0.699	0.826	-18.2	117	0.00
94 T	Hexachlorobutadiene	0.449	0.481	-7.1	112	0.00
95 T	Naphthalene	1.104	1.440	-30.4#	125	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.577	0.706	-22.4	121	0.00

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