

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017917.D
 Acq On : 11 Apr 2024 17:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 12 05:03:53 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	54	0.00
2 T	Dichlorodifluoromethane	0.334	0.440	-31.7#	86	0.00
3 P	Chloromethane	0.653	0.912	-39.7#	85	0.00
4 C	Vinyl Chloride	0.853	1.453	-70.3#	104	0.00
5 T	Bromomethane	0.690	1.302	-88.7#	121	0.00
6 T	Chloroethane	0.556	1.291	-132.2#	142	0.00
7 T	Trichlorofluoromethane	0.832	1.181	-41.9#	89	0.00
8 T	Diethyl Ether	0.244	0.325	-33.2#	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.656	-31.5#	82	0.00
10 T	Methyl Iodide	0.542	0.707	-30.4#	73	0.00
11 T	Tert butyl alcohol	0.044	0.046	-4.5	82	0.00
12 CM	1,1-Dichloroethene	0.467	0.599	-28.3#	78	0.00
13 T	Acrolein	0.030	0.020	33.3#	39#	0.00
14 T	Allyl chloride	0.573	0.673	-17.5	71	0.00
15 T	Acrylonitrile	0.103	0.139	-35.0#	81	0.00
16 T	Acetone	0.089	0.109	-22.5	71	0.00
17 T	Carbon Disulfide	1.321	1.507	-14.1	64	0.00
18 T	Methyl Acetate	0.198	0.262	-32.3#	81	0.00
19 T	Methyl tert-butyl Ether	1.069	1.554	-45.4#	88	0.00
20 T	Methylene Chloride	0.662	0.696	-5.1	75	0.00
21 T	trans-1,2-Dichloroethene	0.499	0.662	-32.7#	79	0.00
22 T	Diisopropyl ether	1.324	1.772	-33.8#	80	0.00
23 T	Vinyl Acetate	0.808	1.121	-38.7#	82	0.00
24 P	1,1-Dichloroethane	0.878	1.188	-35.3#	83	0.00
25 T	2-Butanone	0.127	0.170	-33.9#	80	0.00
26 T	2,2-Dichloropropane	0.759	1.021	-34.5#	85	0.00
27 T	cis-1,2-Dichloroethene	0.590	0.826	-40.0#	85	0.00
28 T	Bromochloromethane	0.357	0.385	-7.8	56	0.00
29 T	Tetrahydrofuran	0.076	0.105	-38.2#	82	0.00
30 C	Chloroform	0.911	1.295	-42.2#	88	0.00
31 T	Cyclohexane	0.762	0.869	-14.0	71	0.00
32 T	1,1,1-Trichloroethane	0.776	1.089	-40.3#	87	0.00
33 S	1,2-Dichloroethane-d4	0.433	0.503	-16.2	68	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	53	0.00
35 S	Dibromofluoromethane	0.289	0.331	-14.5	66	0.00
36 T	1,1-Dichloropropene	0.422	0.565	-33.9#	80	0.00
37 T	Ethyl Acetate	0.182	0.250	-37.4#	85	0.00
38 T	Carbon Tetrachloride	0.438	0.619	-41.3#	87	0.00
39 T	Methylcyclohexane	0.527	0.679	-28.8#	76	0.00
40 TM	Benzene	1.299	1.754	-35.0#	82	0.00
41 T	Methacrylonitrile	0.108	0.159	-47.2#	84	0.00
42 TM	1,2-Dichloroethane	0.320	0.454	-41.9#	86	0.00
43 T	Isopropyl Acetate	0.330	0.468	-41.8#	87	0.00
44 TM	Trichloroethene	0.338	0.462	-36.7#	83	0.00
45 C	1,2-Dichloropropane	0.302	0.411	-36.1#	83	0.00
46 T	Dibromomethane	0.172	0.246	-43.0#	87	0.00
47 T	Bromodichloromethane	0.433	0.633	-46.2#	89	0.00
48 T	Methyl methacrylate	0.146	0.197	-34.9#	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	92	0.00
50 S	Toluene-d8	1.079	1.206	-11.8	64	0.00
51 T	4-Methyl-2-Pentanone	0.175	0.262	-49.7#	89	0.00
52 CM	Toluene	0.788	1.109	-40.7#	85	0.00
53 T	t-1,3-Dichloropropene	0.385	0.556	-44.4#	87	0.00
54 T	cis-1,3-Dichloropropene	0.470	0.654	-39.1#	84	0.00
55 T	1,1,2-Trichloroethane	0.229	0.326	-42.4#	89	0.00
56 T	Ethyl methacrylate	0.290	0.434	-49.7#	85	0.00
57 T	1,3-Dichloropropane	0.387	0.552	-42.6#	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.152	0.171	-12.5	58	0.00
59 T	2-Hexanone	0.120	0.179	-49.2#	85	0.00
60 T	Dibromochloromethane	0.288	0.430	-49.3#	92	0.00
61 T	1,2-Dibromoethane	0.208	0.297	-42.8#	86	0.00
62 S	4-Bromofluorobenzene	0.328	0.370	-12.8	65	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	56	0.00
64 T	Tetrachloroethene	0.436	0.598	-37.2#	88	0.00
65 PM	Chlorobenzene	1.026	1.368	-33.3#	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.348	0.490	-40.8#	91	0.00
67 C	Ethyl Benzene	1.763	2.458	-39.4#	89	0.00
68 T	m/p-Xylenes	0.669	0.936	-39.9#	89	0.00
69 T	o-Xylene	0.621	0.876	-41.1#	90	0.00
70 T	Styrene	1.047	1.527	-45.8#	90	0.00
71 P	Bromoform	0.193	0.273	-41.5#	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	57	0.00
73 T	Isopropylbenzene	3.504	4.725	-34.8#	89	0.00
74 T	N-amyl acetate	0.702	0.960	-36.8#	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.606	0.800	-32.0#	89	0.00
76 T	1,2,3-Trichloropropane	0.456	0.535	-17.3	76	0.00
77 T	Bromobenzene	0.835	1.087	-30.2#	89	0.00
78 T	n-propylbenzene	4.276	5.639	-31.9#	86	0.00
79 T	2-Chlorotoluene	2.342	3.027	-29.2#	86	0.00
80 T	1,3,5-Trimethylbenzene	2.735	3.645	-33.3#	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.206	0.274	-33.0#	86	0.00
82 T	4-Chlorotoluene	2.425	3.032	-25.0#	82	0.00
83 T	tert-Butylbenzene	2.486	3.387	-36.2#	91	0.00
84 T	1,2,4-Trimethylbenzene	2.724	3.735	-37.1#	90	0.00
85 T	sec-Butylbenzene	3.732	5.086	-36.3#	89	0.00
86 T	p-Isopropyltoluene	3.119	4.280	-37.2#	91	0.00
87 T	1,3-Dichlorobenzene	1.656	2.230	-34.7#	92	0.00
88 T	1,4-Dichlorobenzene	1.585	2.070	-30.6#	88	0.00
89 T	n-Butylbenzene	2.870	3.897	-35.8#	88	0.00
90 T	Hexachloroethane	0.620	0.824	-32.9#	91	0.00
91 T	1,2-Dichlorobenzene	1.373	1.847	-34.5#	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.082	0.103	-25.6#	84	0.00
93 T	1,2,4-Trichlorobenzene	0.752	0.993	-32.0#	84	0.00
94 T	Hexachlorobutadiene	0.456	0.565	-23.9	83	0.00
95 T	Naphthalene	1.246	1.787	-43.4#	87	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.635	0.854	-34.5#	85	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6