

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
 Data File : VY018712.D
 Acq On : 27 Jun 2024 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 28 03:10:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 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	84	0.00
2 T	Dichlorodifluoromethane	0.329	0.306	7.0	70	0.00
3 P	Chloromethane	0.678	0.594	12.4	60	0.00
4 C	Vinyl Chloride	0.840	0.768	8.6#	65	0.00
5 T	Bromomethane	0.624	0.540	13.5	65	0.00
6 T	Chloroethane	0.550	0.506	8.0	66	0.00
7 T	Trichlorofluoromethane	0.904	0.986	-9.1	78	0.00
8 T	Diethyl Ether	0.258	0.269	-4.3	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.473	0.544	-15.0	84	0.00
10 T	Methyl Iodide	0.515	0.615	-19.4	75	0.00
11 T	Tert butyl alcohol	0.091	0.039	57.1#	49#	0.00
12 CM	1,1-Dichloroethene	0.475	0.504	-6.1#	76	0.00
13 T	Acrolein	0.029	0.021	27.6#	47#	0.00
14 T	Allyl chloride	0.640	0.630	1.6	69	0.00
15 T	Acrylonitrile	0.115	0.116	-0.9	70	0.00
16 T	Acetone	0.102	0.118	-15.7	78	0.00
17 T	Carbon Disulfide	1.266	1.366	-7.9	69	0.00
18 T	Methyl Acetate	0.260	0.280	-7.7	69	0.00
19 T	Methyl tert-butyl Ether	1.267	1.308	-3.2	73	0.00
20 T	Methylene Chloride	0.854	0.640	25.1#	75	0.00
21 T	trans-1,2-Dichloroethene	0.541	0.559	-3.3	74	0.00
22 T	Diisopropyl ether	1.445	1.455	-0.7	70	0.00
23 T	Vinyl Acetate	1.042	1.191	-14.3	69	0.00
24 P	1,1-Dichloroethane	0.931	0.947	-1.7	74	0.00
25 T	2-Butanone	0.154	0.165	-7.1	72	0.00
26 T	2,2-Dichloropropane	0.785	0.816	-3.9	77	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.687	-5.2	76	0.00
28 T	Bromochloromethane	0.382	0.349	8.6	93	0.00
29 T	Tetrahydrofuran	0.094	0.095	-1.1	68	0.00
30 C	Chloroform	1.015	1.054	-3.8#	75	0.00
31 T	Cyclohexane	0.771	0.747	3.1	72	0.00
32 T	1,1,1-Trichloroethane	0.862	0.928	-7.7	78	0.00
33 S	1,2-Dichloroethane-d4	0.503	0.491	2.4	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
35 S	Dibromofluoromethane	0.305	0.341	-11.8	88	0.00
36 T	1,1-Dichloropropene	0.420	0.455	-8.3	74	0.00
37 T	Ethyl Acetate	0.198	0.208	-5.1	68	0.00
38 T	Carbon Tetrachloride	0.440	0.519	-18.0	81	0.00
39 T	Methylcyclohexane	0.514	0.584	-13.6	74	0.00
40 TM	Benzene	1.298	1.416	-9.1	73	0.00
41 T	Methacrylonitrile	0.100	0.102	-2.0	68	0.00
42 TM	1,2-Dichloroethane	0.339	0.361	-6.5	71	0.00
43 T	Isopropyl Acetate	0.369	0.394	-6.8	68	0.00
44 TM	Trichloroethene	0.340	0.385	-13.2	76	0.00
45 C	1,2-Dichloropropane	0.297	0.321	-8.1#	73	0.00
46 T	Dibromomethane	0.184	0.206	-12.0	74	0.00
47 T	Bromodichloromethane	0.440	0.503	-14.3	76	0.00
48 T	Methyl methacrylate	0.166	0.177	-6.6	66	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	0.002	0.0	65	0.00
50 S	Toluene-d8	1.173	1.260	-7.4	84	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.209	-7.2	67	0.00
52 CM	Toluene	0.834	0.924	-10.8#	73	0.00
53 T	t-1,3-Dichloropropene	0.384	0.450	-17.2	74	0.00
54 T	cis-1,3-Dichloropropene	0.464	0.535	-15.3	75	0.00
55 T	1,1,2-Trichloroethane	0.245	0.280	-14.3	77	0.00
56 T	Ethyl methacrylate	0.321	0.356	-10.9	67	0.00
57 T	1,3-Dichloropropane	0.407	0.450	-10.6	72	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.172	-11.0	79	0.00
59 T	2-Hexanone	0.136	0.154	-13.2	70	0.00
60 T	Dibromochloromethane	0.304	0.378	-24.3	81	0.00
61 T	1,2-Dibromoethane	0.226	0.266	-17.7	75	0.00
62 S	4-Bromofluorobenzene	0.370	0.393	-6.2	79	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.357	0.434	-21.6	82	0.00
65 PM	Chlorobenzene	1.033	1.175	-13.7	76	0.00
66 T	1,1,1,2-Tetrachloroethane	0.346	0.411	-18.8	79	0.00
67 C	Ethyl Benzene	1.792	1.998	-11.5#	73	0.00
68 T	m/p-Xylenes	0.697	0.793	-13.8	73	0.00
69 T	o-Xylene	0.671	0.756	-12.7	73	0.00
70 T	Styrene	1.108	1.254	-13.2	71	0.00
71 P	Bromoform	0.190	0.255	-34.2#	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.00
73 T	Isopropylbenzene	3.651	3.831	-4.9	72	0.00
74 T	N-amyl acetate	0.748	0.743	0.7	62	0.00
75 P	1,1,2,2-Tetrachloroethane	0.648	0.676	-4.3	70	0.00
76 T	1,2,3-Trichloropropane	0.469	0.440	6.2	59	0.00
77 T	Bromobenzene	0.844	0.979	-16.0	81	0.00
78 T	n-propylbenzene	4.273	4.345	-1.7	69	0.00
79 T	2-Chlorotoluene	2.412	2.447	-1.5	69	0.00
80 T	1,3,5-Trimethylbenzene	2.894	3.027	-4.6	70	0.00
81 T	trans-1,4-Dichloro-2-butene	0.179	0.218	-21.8	74	0.00
82 T	4-Chlorotoluene	2.429	2.404	1.0	67	0.00
83 T	tert-Butylbenzene	2.678	2.871	-7.2	75	0.00
84 T	1,2,4-Trimethylbenzene	2.892	3.014	-4.2	70	0.00
85 T	sec-Butylbenzene	3.820	3.979	-4.2	70	0.00
86 T	p-Isopropyltoluene	3.238	3.537	-9.2	74	0.00
87 T	1,3-Dichlorobenzene	1.703	1.909	-12.1	78	0.00
88 T	1,4-Dichlorobenzene	1.671	1.838	-10.0	76	0.00
89 T	n-Butylbenzene	2.919	3.023	-3.6	69	0.00
90 T	Hexachloroethane	0.588	0.694	-18.0	78	0.00
91 T	1,2-Dichlorobenzene	1.455	1.674	-15.1	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.098	-4.3	69	0.00
93 T	1,2,4-Trichlorobenzene	0.811	1.067	-31.6#	90	0.00
94 T	Hexachlorobutadiene	0.416	0.565	-35.8#	95	0.00
95 T	Naphthalene	1.515	1.974	-30.3#	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.685	0.905	-32.1#	90	0.00

(#) = Out of Range

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