

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015678.D
 Acq On : 21 Sep 2023 18:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 22 01:23:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 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	91	0.00
2 T	Dichlorodifluoromethane	0.330	0.330	0.0	83	0.00
3 P	Chloromethane	0.416	0.447	-7.5	90	0.00
4 C	Vinyl Chloride	0.475	0.512	-7.8#	90	0.00
5 T	Bromomethane	0.361	0.402	-11.4	89	0.00
6 T	Chloroethane	0.352	0.381	-8.2	91	0.00
7 T	Trichlorofluoromethane	0.797	0.835	-4.8	91	0.00
8 T	Diethyl Ether	0.340	0.371	-9.1	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.519	-4.0	90	0.00
10 T	Methyl Iodide	0.519	0.519	0.0	77	0.00
11 T	Tert butyl alcohol	0.174	0.150	13.8	127	0.02
12 CM	1,1-Dichloroethene	0.440	0.456	-3.6#	90	0.00
13 T	Acrolein	0.084	0.097	-15.5	104	0.00
14 T	Allyl chloride	0.804	0.839	-4.4	89	0.00
15 T	Acrylonitrile	0.249	0.286	-14.9	103	0.00
16 T	Acetone	0.294	0.251	14.6	80	0.01
17 T	Carbon Disulfide	0.855	0.908	-6.2	86	0.00
18 T	Methyl Acetate	0.988	1.403	-42.0#	126	0.00
19 T	Methyl tert-butyl Ether	1.792	1.987	-10.9	96	0.01
20 T	Methylene Chloride	0.779	0.646	17.1	89	0.01
21 T	trans-1,2-Dichloroethene	0.503	0.538	-7.0	89	0.00
22 T	Diisopropyl ether	1.936	2.105	-8.7	92	0.00
23 T	Vinyl Acetate	1.195	1.155	3.3	83	0.00
24 P	1,1-Dichloroethane	1.055	1.115	-5.7	91	0.01
25 T	2-Butanone	0.416	0.420	-1.0	97	0.01
26 T	2,2-Dichloropropane	0.964	0.773	19.8	75	0.00
27 T	cis-1,2-Dichloroethene	0.667	0.713	-6.9	91	0.00
28 T	Bromochloromethane	0.286	0.300	-4.9	93	0.01
29 T	Tetrahydrofuran	0.235	0.276	-17.4	106	0.00
30 C	Chloroform	1.130	1.215	-7.5#	94	0.01
31 T	Cyclohexane	0.762	0.740	2.9	87	0.00
32 T	1,1,1-Trichloroethane	0.933	0.992	-6.3	92	0.01
33 S	1,2-Dichloroethane-d4	0.550	0.522	5.1	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.299	0.276	7.7	94	0.00
36 T	1,1-Dichloropropene	0.442	0.434	1.8	91	0.00
37 T	Ethyl Acetate	0.441	0.452	-2.5	99	0.01
38 T	Carbon Tetrachloride	0.480	0.474	1.3	91	0.00
39 T	Methylcyclohexane	0.489	0.472	3.5	88	0.00
40 TM	Benzene	1.349	1.351	-0.1	91	0.01
41 T	Methacrylonitrile	0.238	0.260	-9.2	118	0.01
42 TM	1,2-Dichloroethane	0.462	0.481	-4.1	97	0.00
43 T	Isopropyl Acetate	0.754	0.776	-2.9	97	0.00
44 TM	Trichloroethene	0.377	0.380	-0.8	93	0.00
45 C	1,2-Dichloropropane	0.376	0.381	-1.3#	92	0.00
46 T	Dibromomethane	0.241	0.251	-4.1	96	0.01
47 T	Bromodichloromethane	0.537	0.552	-2.8	95	0.00
48 T	Methyl methacrylate	0.331	0.358	-8.2	101	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	0.005	0.005	0.0	113	0.01
50 S	Toluene-d8	1.015	0.873	14.0	92	0.00
51 T	4-Methyl-2-Pentanone	0.467	0.514	-10.1	104	0.00
52 CM	Toluene	0.870	0.872	-0.2#	91	0.00
53 T	t-1,3-Dichloropropene	0.575	0.570	0.9	90	0.00
54 T	cis-1,3-Dichloropropene	0.619	0.604	2.4	89	0.00
55 T	1,1,2-Trichloroethane	0.353	0.365	-3.4	97	0.00
56 T	Ethyl methacrylate	0.520	0.551	-6.0	96	0.00
57 T	1,3-Dichloropropane	0.592	0.607	-2.5	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.165	0.168	-1.8	101	0.00
59 T	2-Hexanone	0.359	0.378	-5.3	101	0.00
60 T	Dibromochloromethane	0.412	0.425	-3.2	95	0.00
61 T	1,2-Dibromoethane	0.345	0.359	-4.1	98	0.00
62 S	4-Bromofluorobenzene	0.398	0.349	12.3	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.429	0.479	-11.7	103	0.00
65 PM	Chlorobenzene	1.091	1.084	0.6	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.424	0.430	-1.4	93	0.00
67 C	Ethyl Benzene	1.908	1.901	0.4#	91	0.00
68 T	m/p-Xylenes	0.725	0.723	0.3	91	0.00
69 T	o-Xylene	0.711	0.712	-0.1	91	0.00
70 T	Styrene	1.217	1.267	-4.1	93	0.00
71 P	Bromoform	0.307	0.332	-8.1	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.751	3.708	1.1	91	0.00
74 T	N-amyl acetate	1.410	1.362	3.4	87	0.00
75 P	1,1,2,2-Tetrachloroethane	1.044	1.080	-3.4	98	0.00
76 T	1,2,3-Trichloropropane	0.798	0.861	-7.9	98	0.00
77 T	Bromobenzene	0.921	0.927	-0.7	93	0.00
78 T	n-propylbenzene	4.557	4.408	3.3	87	0.00
79 T	2-Chlorotoluene	2.597	2.580	0.7	90	0.00
80 T	1,3,5-Trimethylbenzene	3.140	3.103	1.2	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.354	0.328	7.3	85	0.00
82 T	4-Chlorotoluene	2.712	2.666	1.7	89	0.00
83 T	tert-Butylbenzene	2.750	2.692	2.1	89	0.00
84 T	1,2,4-Trimethylbenzene	3.142	3.119	0.7	89	0.00
85 T	sec-Butylbenzene	4.116	3.989	3.1	87	0.00
86 T	p-Isopropyltoluene	3.438	3.304	3.9	86	0.00
87 T	1,3-Dichlorobenzene	1.827	1.783	2.4	89	0.00
88 T	1,4-Dichlorobenzene	1.827	1.796	1.7	90	0.00
89 T	n-Butylbenzene	3.256	3.007	7.6	83	0.00
90 T	Hexachloroethane	0.664	0.650	2.1	89	0.00
91 T	1,2-Dichlorobenzene	1.686	1.686	0.0	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.207	0.222	-7.2	104	0.00
93 T	1,2,4-Trichlorobenzene	1.062	0.966	9.0	82	0.00
94 T	Hexachlorobutadiene	0.544	0.494	9.2	81	0.00
95 T	Naphthalene	2.768	2.874	-3.8	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.980	0.944	3.7	87	0.00

(#) = Out of Range

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