

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015718.D
 Acq On : 26 Sep 2023 19:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 27 10:00:09 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 : Continuing Cal File:

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	86	0.02
2 T	Dichlorodifluoromethane	0.330	0.363	-10.0	87	0.01
3 P	Chloromethane	0.416	0.498	-19.7	95	0.00
4 C	Vinyl Chloride	0.475	0.584	-22.9#	97	0.01
5 T	Bromomethane	0.361	0.425	-17.7	90	0.02
6 T	Chloroethane	0.352	0.435	-23.6	98	0.01
7 T	Trichlorofluoromethane	0.797	0.913	-14.6	94	0.01
8 T	Diethyl Ether	0.340	0.416	-22.4	100	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.575	-15.2	94	0.00
10 T	Methyl Iodide	0.519	0.608	-17.1	86	0.01
11 T	Tert butyl alcohol	0.174	0.164	5.7	132	0.05
12 CM	1,1-Dichloroethene	0.440	0.512	-16.4#	95	0.01
13 T	Acrolein	0.084	0.086	-2.4	87	0.02
14 T	Allyl chloride	0.804	0.935	-16.3	94	0.01
15 T	Acrylonitrile	0.249	0.302	-21.3	103	0.02
16 T	Acetone	0.294	0.305	-3.7	92	0.02
17 T	Carbon Disulfide	0.855	0.965	-12.9	87	0.02
18 T	Methyl Acetate	0.988	1.551	-57.0#	132	0.02
19 T	Methyl tert-butyl Ether	1.792	2.255	-25.8#	103	0.02
20 T	Methylene Chloride	0.779	0.830	-6.5	108	0.02
21 T	trans-1,2-Dichloroethene	0.503	0.600	-19.3	94	0.02
22 T	Diisopropyl ether	1.936	2.350	-21.4	97	0.02
23 T	Vinyl Acetate	1.195	1.168	2.3	80	0.02
24 P	1,1-Dichloroethane	1.055	1.253	-18.8	97	0.02
25 T	2-Butanone	0.416	0.456	-9.6	99	0.02
26 T	2,2-Dichloropropane	0.964	0.927	3.8	85	0.02
27 T	cis-1,2-Dichloroethene	0.667	0.805	-20.7	98	0.02
28 T	Bromochloromethane	0.286	0.329	-15.0	96	0.02
29 T	Tetrahydrofuran	0.235	0.290	-23.4	106	0.02
30 C	Chloroform	1.130	1.379	-22.0#	101	0.02
31 T	Cyclohexane	0.762	0.807	-5.9	90	0.01
32 T	1,1,1-Trichloroethane	0.933	1.122	-20.3	98	0.02
33 S	1,2-Dichloroethane-d4	0.550	0.591	-7.5	101	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.01
35 S	Dibromofluoromethane	0.299	0.329	-10.0	103	0.01
36 T	1,1-Dichloropropene	0.442	0.492	-11.3	94	0.02
37 T	Ethyl Acetate	0.441	0.517	-17.2	104	0.02
38 T	Carbon Tetrachloride	0.480	0.550	-14.6	97	0.02
39 T	Methylcyclohexane	0.489	0.528	-8.0	90	0.01
40 TM	Benzene	1.349	1.572	-16.5	98	0.02
41 T	Methacrylonitrile	0.238	0.734	-208.4#	306#	0.05
42 TM	1,2-Dichloroethane	0.462	0.549	-18.8	101	0.01
43 T	Isopropyl Acetate	0.754	0.896	-18.8	103	0.02
44 TM	Trichloroethene	0.377	0.452	-19.9	101	0.02
45 C	1,2-Dichloropropane	0.376	0.442	-17.6#	98	0.00
46 T	Dibromomethane	0.241	0.289	-19.9	101	0.02
47 T	Bromodichloromethane	0.537	0.649	-20.9	102	0.01
48 T	Methyl methacrylate	0.331	0.409	-23.6	106	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.005	0.006	-20.0	116	0.03
50 S	Toluene-d8	1.015	1.028	-1.3	100	0.00
51 T	4-Methyl-2-Pentanone	0.467	0.573	-22.7	107	0.00
52 CM	Toluene	0.870	1.022	-17.5#	98	0.01
53 T	t-1,3-Dichloropropene	0.575	0.671	-16.7	97	0.01
54 T	cis-1,3-Dichloropropene	0.619	0.702	-13.4	95	0.01
55 T	1,1,2-Trichloroethane	0.353	0.426	-20.7	104	0.01
56 T	Ethyl methacrylate	0.520	0.640	-23.1	102	0.01
57 T	1,3-Dichloropropane	0.592	0.710	-19.9	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.165	0.166	-0.6	92	0.01
59 T	2-Hexanone	0.359	0.429	-19.5	106	0.00
60 T	Dibromochloromethane	0.412	0.501	-21.6	103	0.00
61 T	1,2-Dibromoethane	0.345	0.414	-20.0	104	0.01
62 S	4-Bromofluorobenzene	0.398	0.432	-8.5	104	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.429	0.601	-40.1#	119	0.01
65 PM	Chlorobenzene	1.091	1.268	-16.2	100	0.01
66 T	1,1,1,2-Tetrachloroethane	0.424	0.514	-21.2	102	0.00
67 C	Ethyl Benzene	1.908	2.231	-16.9#	98	0.01
68 T	m/p-Xylenes	0.725	0.850	-17.2	98	0.00
69 T	o-Xylene	0.711	0.851	-19.7	100	0.01
70 T	Styrene	1.217	1.483	-21.9	100	0.00
71 P	Bromoform	0.307	0.387	-26.1#	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.01
73 T	Isopropylbenzene	3.751	4.327	-15.4	99	0.01
74 T	N-amyl acetate	1.410	1.632	-15.7	98	0.00
75 P	1,1,2,2-Tetrachloroethane	1.044	1.197	-14.7	102	0.00
76 T	1,2,3-Trichloropropane	0.798	1.602	-100.8#	171#	0.01
77 T	Bromobenzene	0.921	1.070	-16.2	100	0.01
78 T	n-propylbenzene	4.557	5.196	-14.0	96	0.01
79 T	2-Chlorotoluene	2.597	3.006	-15.7	98	0.01
80 T	1,3,5-Trimethylbenzene	3.140	3.642	-16.0	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.354	0.387	-9.3	94	0.00
82 T	4-Chlorotoluene	2.712	3.122	-15.1	97	0.01
83 T	tert-Butylbenzene	2.750	3.133	-13.9	96	0.00
84 T	1,2,4-Trimethylbenzene	3.142	3.670	-16.8	98	0.00
85 T	sec-Butylbenzene	4.116	4.691	-14.0	96	0.00
86 T	p-Isopropyltoluene	3.438	3.904	-13.6	95	0.00
87 T	1,3-Dichlorobenzene	1.827	2.127	-16.4	99	0.01
88 T	1,4-Dichlorobenzene	1.827	2.121	-16.1	99	0.00
89 T	n-Butylbenzene	3.256	3.608	-10.8	93	0.00
90 T	Hexachloroethane	0.664	0.765	-15.2	97	0.00
91 T	1,2-Dichlorobenzene	1.686	2.000	-18.6	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.207	0.251	-21.3	110	0.00
93 T	1,2,4-Trichlorobenzene	1.062	1.233	-16.1	98	0.01
94 T	Hexachlorobutadiene	0.544	0.581	-6.8	89	0.00
95 T	Naphthalene	2.768	3.512	-26.9#	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.980	1.165	-18.9	100	0.00

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