

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015585.D
 Acq On : 15 Sep 2023 22:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 15 23:20:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 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	96	0.01
2 T	Dichlorodifluoromethane	0.435	0.386	11.3	81	0.00
3 P	Chloromethane	0.577	0.511	11.4	80	0.00
4 C	Vinyl Chloride	0.672	0.583	13.2#	79	0.01
5 T	Bromomethane	0.478	0.419	12.3	80	0.01
6 T	Chloroethane	0.442	0.418	5.4	87	0.00
7 T	Trichlorofluoromethane	0.950	0.884	6.9	86	0.01
8 T	Diethyl Ether	0.325	0.371	-14.2	102	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.534	-1.3	93	0.00
10 T	Methyl Iodide	0.619	0.624	-0.8	87	0.01
11 T	Tert butyl alcohol	0.124	0.117	5.6	94	0.04
12 CM	1,1-Dichloroethene	0.497	0.489	1.6#	91	0.01
13 T	Acrolein	0.126	0.141	-11.9	77	0.02
14 T	Allyl chloride	0.791	0.859	-8.6	97	0.01
15 T	Acrylonitrile	0.204	0.260	-27.5#	109	0.01
16 T	Acetone	0.224	0.260	-16.1	90	0.02
17 T	Carbon Disulfide	1.486	1.180	20.6	72	0.01
18 T	Methyl Acetate	0.810	1.162	-43.5#	123	0.02
19 T	Methyl tert-butyl Ether	1.615	1.881	-16.5	102	0.02
20 T	Methylene Chloride	0.892	0.942	-5.6	124	0.02
21 T	trans-1,2-Dichloroethene	0.572	0.579	-1.2	92	0.02
22 T	Diisopropyl ether	1.731	2.037	-17.7	107	0.02
23 T	Vinyl Acetate	1.093	1.180	-8.0	94	0.02
24 P	1,1-Dichloroethane	1.001	1.102	-10.1	102	0.02
25 T	2-Butanone	0.317	0.390	-23.0	100	0.02
26 T	2,2-Dichloropropane	0.850	0.835	1.8	91	0.02
27 T	cis-1,2-Dichloroethene	0.649	0.712	-9.7	99	0.02
28 T	Bromochloromethane	0.307	0.341	-11.1	106	0.02
29 T	Tetrahydrofuran	0.199	0.253	-27.1#	108	0.02
30 C	Chloroform	1.052	1.165	-10.7#	102	0.02
31 T	Cyclohexane	0.952	0.844	11.3	85	0.01
32 T	1,1,1-Trichloroethane	0.939	0.997	-6.2	97	0.02
33 S	1,2-Dichloroethane-d4	0.536	0.526	1.9	94	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.01
35 S	Dibromofluoromethane	0.288	0.283	1.7	96	0.01
36 T	1,1-Dichloropropene	0.506	0.483	4.5	92	0.01
37 T	Ethyl Acetate	0.390	0.464	-19.0	107	0.02
38 T	Carbon Tetrachloride	0.522	0.505	3.3	93	0.01
39 T	Methylcyclohexane	0.637	0.565	11.3	85	0.01
40 TM	Benzene	1.411	1.444	-2.3	97	0.02
41 T	Methacrylonitrile	0.183	0.196	-7.1	95	0.00
42 TM	1,2-Dichloroethane	0.470	0.492	-4.7	98	0.00
43 T	Isopropyl Acetate	0.674	0.785	-16.5	105	0.02
44 TM	Trichloroethene	0.399	0.409	-2.5	99	0.01
45 C	1,2-Dichloropropane	0.356	0.392	-10.1#	104	0.00
46 T	Dibromomethane	0.236	0.253	-7.2	100	0.02
47 T	Bromodichloromethane	0.505	0.555	-9.9	103	0.01
48 T	Methyl methacrylate	0.309	0.357	-15.5	102	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.005	-25.0	109	0.03
50 S	Toluene-d8	1.043	0.927	11.1	89	0.00
51 T	4-Methyl-2-Pentanone	0.392	0.494	-26.0#	111	0.00
52 CM	Toluene	0.904	0.929	-2.8#	97	0.01
53 T	t-1,3-Dichloropropene	0.537	0.582	-8.4	99	0.01
54 T	cis-1,3-Dichloropropene	0.584	0.630	-7.9	100	0.01
55 T	1,1,2-Trichloroethane	0.318	0.363	-14.2	106	0.00
56 T	Ethyl methacrylate	0.472	0.560	-18.6	106	0.00
57 T	1,3-Dichloropropane	0.548	0.612	-11.7	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.168	0.163	3.0	94	0.01
59 T	2-Hexanone	0.294	0.374	-27.2#	109	0.00
60 T	Dibromochloromethane	0.373	0.423	-13.4	105	0.00
61 T	1,2-Dibromoethane	0.323	0.366	-13.3	105	0.00
62 S	4-Bromofluorobenzene	0.387	0.368	4.9	94	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.454	0.503	-10.8	107	0.01
65 PM	Chlorobenzene	1.077	1.104	-2.5	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.432	-9.6	106	0.00
67 C	Ethyl Benzene	1.935	1.977	-2.2#	100	0.01
68 T	m/p-Xylenes	0.750	0.759	-1.2	98	0.00
69 T	o-Xylene	0.717	0.743	-3.6	100	0.00
70 T	Styrene	1.205	1.285	-6.6	101	0.00
71 P	Bromoform	0.275	0.321	-16.7	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.756	3.792	-1.0	99	0.01
74 T	N-amyl acetate	1.262	1.458	-15.5	104	0.00
75 P	1,1,2,2-Tetrachloroethane	0.897	1.021	-13.8	108	0.00
76 T	1,2,3-Trichloropropane	0.663	0.796	-20.1	111	0.00
77 T	Bromobenzene	0.890	0.922	-3.6	101	0.00
78 T	n-propylbenzene	4.544	4.588	-1.0	97	0.01
79 T	2-Chlorotoluene	2.549	2.607	-2.3	99	0.01
80 T	1,3,5-Trimethylbenzene	3.141	3.179	-1.2	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.337	-12.0	104	0.00
82 T	4-Chlorotoluene	2.649	2.726	-2.9	99	0.01
83 T	tert-Butylbenzene	2.751	2.759	-0.3	97	0.00
84 T	1,2,4-Trimethylbenzene	3.119	3.193	-2.4	98	0.00
85 T	sec-Butylbenzene	4.104	4.169	-1.6	98	0.00
86 T	p-Isopropyltoluene	3.440	3.481	-1.2	97	0.00
87 T	1,3-Dichlorobenzene	1.756	1.804	-2.7	100	0.01
88 T	1,4-Dichlorobenzene	1.775	1.812	-2.1	100	0.00
89 T	n-Butylbenzene	3.237	3.231	0.2	96	0.00
90 T	Hexachloroethane	0.615	0.662	-7.6	104	0.00
91 T	1,2-Dichlorobenzene	1.603	1.691	-5.5	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.177	0.212	-19.8	108	0.00
93 T	1,2,4-Trichlorobenzene	1.006	1.054	-4.8	99	0.01
94 T	Hexachlorobutadiene	0.549	0.539	1.8	98	0.00
95 T	Naphthalene	2.493	2.954	-18.5	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	1.000	-8.9	104	0.00

(#) = Out of Range

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