

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012982.D
 Acq On : 16 Mar 2023 19:49
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 17 01:40:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 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	34#	0.00
2 T	Dichlorodifluoromethane	0.493	0.422	14.4	30#	0.00
3 P	Chloromethane	0.589	0.497	15.6	31#	0.00
4 C	Vinyl Chloride	0.540	0.475	12.0#	30#	0.00
5 T	Bromomethane	0.328	0.344	-4.9	37#	0.00
6 T	Chloroethane	0.324	0.318	1.9	33#	0.00
7 T	Trichlorofluoromethane	0.897	0.899	-0.2	35#	0.00
8 T	Diethyl Ether	0.314	0.344	-9.6	37#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.542	-0.4	35#	0.00
10 T	Methyl Iodide	0.703	0.578	17.8	26#	0.00
11 T	Tert butyl alcohol	0.070	0.080	-14.3	48#	0.00
12 CM	1,1-Dichloroethene	0.515	0.505	1.9#	33#	0.00
13 T	Acrolein	0.087	0.080	8.0	32#	0.00
14 T	Allyl chloride	0.951	0.942	0.9	33#	0.00
15 T	Acrylonitrile	0.166	0.217	-30.7#	44#	0.00
16 T	Acetone	0.195	0.226	-15.9	36#	0.00
17 T	Carbon Disulfide	1.753	1.459	16.8	29#	0.00
18 T	Methyl Acetate	0.580	0.747	-28.8#	43#	0.00
19 T	Methyl tert-butyl Ether	1.330	1.557	-17.1	38#	0.00
20 T	Methylene Chloride	0.714	0.698	2.2	39#	0.00
21 T	trans-1,2-Dichloroethene	0.560	0.571	-2.0	35#	0.00
22 T	Diisopropyl ether	1.727	1.976	-14.4	38#	0.00
23 T	Vinyl Acetate	1.073	1.286	-19.9	39#	0.00
24 P	1,1-Dichloroethane	0.984	1.069	-8.6	37#	0.00
25 T	2-Butanone	0.241	0.312	-29.5#	42#	0.00
26 T	2,2-Dichloropropane	0.874	0.898	-2.7	36#	0.00
27 T	cis-1,2-Dichloroethene	0.600	0.656	-9.3	36#	0.00
28 T	Bromochloromethane	0.360	0.391	-8.6	36#	0.00
29 T	Tetrahydrofuran	0.146	0.196	-34.2#	44#	0.00
30 C	Chloroform	0.972	1.133	-16.6#	39#	0.00
31 T	Cyclohexane	0.951	0.842	11.5	31#	0.00
32 T	1,1,1-Trichloroethane	0.879	0.958	-9.0	37#	0.00
33 S	1,2-Dichloroethane-d4	0.496	0.483	2.6	33#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	33#	0.00
35 S	Dibromofluoromethane	0.302	0.298	1.3	33#	0.00
36 T	1,1-Dichloropropene	0.506	0.520	-2.8	34#	0.00
37 T	Ethyl Acetate	0.319	0.427	-33.9#	46#	0.00
38 T	Carbon Tetrachloride	0.522	0.581	-11.3	37#	0.00
39 T	Methylcyclohexane	0.601	0.568	5.5	31#	0.00
40 TM	Benzene	1.430	1.538	-7.6	36#	0.00
41 T	Methacrylonitrile	0.172	0.159	7.6	31#	0.00
42 TM	1,2-Dichloroethane	0.430	0.511	-18.8	39#	0.00
43 T	Isopropyl Acetate	0.569	0.721	-26.7#	41#	0.00
44 TM	Trichloroethene	0.377	0.409	-8.5	36#	0.00
45 C	1,2-Dichloropropane	0.361	0.412	-14.1#	39#	0.00
46 T	Dibromomethane	0.206	0.257	-24.8	41#	0.00
47 T	Bromodichloromethane	0.485	0.581	-19.8	40#	0.00
48 T	Methyl methacrylate	0.262	0.320	-22.1	38#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	49#	0.00
50 S	Toluene-d8	1.103	0.973	11.8	30#	0.00
51 T	4-Methyl-2-Pentanone	0.308	0.424	-37.7#	44#	0.00
52 CM	Toluene	0.863	0.956	-10.8#	36#	0.00
53 T	t-1,3-Dichloropropene	0.509	0.597	-17.3	38#	0.00
54 T	cis-1,3-Dichloropropene	0.576	0.670	-16.3	38#	0.00
55 T	1,1,2-Trichloroethane	0.287	0.362	-26.1#	42#	0.00
56 T	Ethyl methacrylate	0.382	0.472	-23.6	38#	0.00
57 T	1,3-Dichloropropane	0.489	0.606	-23.9	41#	0.00
58 T	2-Chloroethyl Vinyl ether	0.201	0.258	-28.4#	40#	0.00
59 T	2-Hexanone	0.224	0.309	-37.9#	43#	0.00
60 T	Dibromochloromethane	0.349	0.429	-22.9	41#	0.00
61 T	1,2-Dibromoethane	0.276	0.341	-23.6	41#	0.00
62 S	4-Bromofluorobenzene	0.372	0.367	1.3	33#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	35#	0.00
64 T	Tetrachloroethene	0.364	0.392	-7.7	38#	0.00
65 PM	Chlorobenzene	1.049	1.106	-5.4	37#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.434	-11.9	39#	0.00
67 C	Ethyl Benzene	1.845	1.928	-4.5#	36#	0.00
68 T	m/p-Xylenes	0.710	0.751	-5.8	36#	0.00
69 T	o-Xylene	0.662	0.705	-6.5	37#	0.00
70 T	Styrene	1.105	1.228	-11.1	37#	0.00
71 P	Bromoform	0.253	0.314	-24.1	44#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	38#	0.00
73 T	Isopropylbenzene	3.544	3.598	-1.5	37#	0.00
74 T	N-amyl acetate	1.115	1.202	-7.8	39#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.797	0.955	-19.8	45#	0.00
76 T	1,2,3-Trichloropropane	0.597	0.707	-18.4	44#	0.00
77 T	Bromobenzene	0.861	0.898	-4.3	39#	0.00
78 T	n-propylbenzene	4.369	4.491	-2.8	37#	0.00
79 T	2-Chlorotoluene	2.428	2.481	-2.2	37#	0.00
80 T	1,3,5-Trimethylbenzene	2.924	3.032	-3.7	38#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.288	0.318	-10.4	40#	0.00
82 T	4-Chlorotoluene	2.513	2.596	-3.3	38#	0.00
83 T	tert-Butylbenzene	2.524	2.646	-4.8	38#	0.00
84 T	1,2,4-Trimethylbenzene	2.860	2.989	-4.5	38#	0.00
85 T	sec-Butylbenzene	3.851	4.005	-4.0	38#	0.00
86 T	p-Isopropyltoluene	3.147	3.250	-3.3	37#	0.00
87 T	1,3-Dichlorobenzene	1.660	1.788	-7.7	40#	0.00
88 T	1,4-Dichlorobenzene	1.694	1.759	-3.8	39#	0.00
89 T	n-Butylbenzene	3.013	3.041	-0.9	37#	0.00
90 T	Hexachloroethane	0.655	0.682	-4.1	39#	0.00
91 T	1,2-Dichlorobenzene	1.501	1.624	-8.2	40#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.129	0.156	-20.9	44#	0.00
93 T	1,2,4-Trichlorobenzene	0.924	0.877	5.1	34#	0.00
94 T	Hexachlorobutadiene	0.564	0.556	1.4	38#	0.00
95 T	Naphthalene	1.852	1.839	0.7	35#	0.00

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96 T	1,2,3-Trichlorobenzene	0.822	0.786	4.4	35#	0.00

(#) = Out of Range

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