

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013359.D
 Acq On : 19 Apr 2023 20:35
 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: Apr 20 06:58:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 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	101	0.00
2 T	Dichlorodifluoromethane	0.450	0.469	-4.2	109	0.00
3 P	Chloromethane	0.564	0.515	8.7	97	0.00
4 C	Vinyl Chloride	0.535	0.511	4.5#	101	0.00
5 T	Bromomethane	0.410	0.341	16.8	90	0.00
6 T	Chloroethane	0.360	0.311	13.6	93	0.00
7 T	Trichlorofluoromethane	0.832	0.878	-5.5	113	0.00
8 T	Diethyl Ether	0.302	0.319	-5.6	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.489	0.505	-3.3	109	0.00
10 T	Methyl Iodide	0.600	0.650	-8.3	106	0.00
11 T	Tert butyl alcohol	0.096	0.069	28.1#	95	0.00
12 CM	1,1-Dichloroethene	0.470	0.483	-2.8#	107	0.00
13 T	Acrolein	0.074	0.070	5.4	96	0.00
14 T	Allyl chloride	0.899	0.875	2.7	101	0.00
15 T	Acrylonitrile	0.174	0.195	-12.1	112	0.00
16 T	Acetone	0.207	0.177	14.5	85	0.00
17 T	Carbon Disulfide	1.549	1.470	5.1	99	0.00
18 T	Methyl Acetate	0.668	0.740	-10.8	110	0.00
19 T	Methyl tert-butyl Ether	1.409	1.572	-11.6	112	0.00
20 T	Methylene Chloride	0.641	0.642	-0.2	123	0.00
21 T	trans-1,2-Dichloroethene	0.537	0.557	-3.7	107	0.00
22 T	Diisopropyl ether	1.771	1.738	1.9	99	0.00
23 T	Vinyl Acetate	1.120	1.157	-3.3	101	0.00
24 P	1,1-Dichloroethane	0.989	1.009	-2.0	107	0.00
25 T	2-Butanone	0.265	0.277	-4.5	103	0.00
26 T	2,2-Dichloropropane	0.888	0.867	2.4	105	0.00
27 T	cis-1,2-Dichloroethene	0.584	0.643	-10.1	113	0.00
28 T	Bromochloromethane	0.394	0.381	3.3	98	0.00
29 T	Tetrahydrofuran	0.161	0.183	-13.7	108	0.00
30 C	Chloroform	1.001	1.066	-6.5#	113	0.00
31 T	Cyclohexane	0.909	0.833	8.4	99	0.00
32 T	1,1,1-Trichloroethane	0.906	0.934	-3.1	110	0.00
33 S	1,2-Dichloroethane-d4	0.601	0.587	2.3	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.324	0.369	-13.9	113	0.00
36 T	1,1-Dichloropropene	0.490	0.517	-5.5	105	0.00
37 T	Ethyl Acetate	0.395	0.420	-6.3	100	0.00
38 T	Carbon Tetrachloride	0.542	0.581	-7.2	108	0.00
39 T	Methylcyclohexane	0.570	0.613	-7.5	103	0.00
40 TM	Benzene	1.419	1.539	-8.5	108	0.00
41 T	Methacrylonitrile	0.164	0.178	-8.5	105	0.00
42 TM	1,2-Dichloroethane	0.481	0.519	-7.9	107	0.00
43 T	Isopropyl Acetate	0.657	0.734	-11.7	106	0.00
44 TM	Trichloroethene	0.366	0.422	-15.3	117	0.00
45 C	1,2-Dichloropropane	0.368	0.409	-11.1#	110	0.00
46 T	Dibromomethane	0.222	0.258	-16.2	114	0.00
47 T	Bromodichloromethane	0.507	0.568	-12.0	114	0.00
48 T	Methyl methacrylate	0.302	0.342	-13.2	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	126	0.00
50 S	Toluene-d8	1.205	1.275	-5.8	102	0.00
51 T	4-Methyl-2-Pentanone	0.357	0.422	-18.2	109	0.00
52 CM	Toluene	0.857	0.935	-9.1#	108	0.00
53 T	t-1,3-Dichloropropene	0.531	0.607	-14.3	111	0.00
54 T	cis-1,3-Dichloropropene	0.582	0.663	-13.9	112	0.00
55 T	1,1,2-Trichloroethane	0.292	0.345	-18.2	119	0.00
56 T	Ethyl methacrylate	0.400	0.501	-25.2#	115	0.00
57 T	1,3-Dichloropropane	0.497	0.572	-15.1	112	0.00
58 T	2-Chloroethyl Vinyl ether	0.167	0.183	-9.6	107	0.00
59 T	2-Hexanone	0.260	0.299	-15.0	104	0.00
60 T	Dibromochloromethane	0.367	0.442	-20.4	119	0.00
61 T	1,2-Dibromoethane	0.285	0.353	-23.9	120	0.00
62 S	4-Bromofluorobenzene	0.391	0.427	-9.2	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.353	0.411	-16.4	121	0.00
65 PM	Chlorobenzene	1.046	1.117	-6.8	111	0.00
66 T	1,1,1,2-Tetrachloroethane	0.393	0.443	-12.7	115	0.00
67 C	Ethyl Benzene	1.822	1.953	-7.2#	108	0.00
68 T	m/p-Xylenes	0.697	0.753	-8.0	109	0.00
69 T	o-Xylene	0.646	0.718	-11.1	111	0.00
70 T	Styrene	1.090	1.211	-11.1	109	0.00
71 P	Bromoform	0.272	0.324	-19.1	118	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.430	3.799	-10.8	109	0.00
74 T	N-amyl acetate	1.224	1.306	-6.7	102	0.00
75 P	1,1,2,2-Tetrachloroethane	0.847	0.945	-11.6	110	0.00
76 T	1,2,3-Trichloropropane	0.623	0.671	-7.7	107	0.00
77 T	Bromobenzene	0.858	0.981	-14.3	113	0.00
78 T	n-propylbenzene	4.236	4.553	-7.5	105	0.00
79 T	2-Chlorotoluene	2.384	2.572	-7.9	106	0.00
80 T	1,3,5-Trimethylbenzene	2.873	3.199	-11.3	108	0.00
81 T	trans-1,4-Dichloro-2-butene	0.300	0.338	-12.7	108	0.00
82 T	4-Chlorotoluene	2.514	2.701	-7.4	107	0.00
83 T	tert-Butylbenzene	2.465	2.811	-14.0	111	0.00
84 T	1,2,4-Trimethylbenzene	2.796	3.156	-12.9	109	0.00
85 T	sec-Butylbenzene	3.686	4.048	-9.8	108	0.00
86 T	p-Isopropyltoluene	3.025	3.378	-11.7	108	0.00
87 T	1,3-Dichlorobenzene	1.653	1.821	-10.2	112	0.00
88 T	1,4-Dichlorobenzene	1.671	1.821	-9.0	110	0.00
89 T	n-Butylbenzene	2.893	3.122	-7.9	105	0.00
90 T	Hexachloroethane	0.631	0.692	-9.7	113	0.00
91 T	1,2-Dichlorobenzene	1.504	1.677	-11.5	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.154	0.189	-22.7	118	0.00
93 T	1,2,4-Trichlorobenzene	0.894	1.087	-21.6	119	0.00
94 T	Hexachlorobutadiene	0.529	0.632	-19.5	121	0.00
95 T	Naphthalene	1.948	2.626	-34.8#	125	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.815	1.018	-24.9	124	0.00

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