

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014374.D
 Acq On : 22 Jun 2023 12:41
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 22 17:18:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 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	98	0.00
2 T	Dichlorodifluoromethane	0.557	0.539	3.2	98	0.00
3 P	Chloromethane	0.707	0.568	19.7	84	0.00
4 C	Vinyl Chloride	0.687	0.623	9.3#	92	0.00
5 T	Bromomethane	0.567	0.553	2.5	110	0.00
6 T	Chloroethane	0.467	0.404	13.5	92	0.00
7 T	Trichlorofluoromethane	1.116	1.171	-4.9	106	0.00
8 T	Diethyl Ether	0.373	0.369	1.1	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.595	-5.7	103	0.00
10 T	Methyl Iodide	0.744	0.555	25.4#	72	0.00
11 T	Tert butyl alcohol	0.092	0.097	-5.4	130	0.00
12 CM	1,1-Dichloroethene	0.571	0.570	0.2#	101	0.00
13 T	Acrolein	0.044	0.033	25.0	98	0.01
14 T	Allyl chloride	1.035	0.991	4.3	96	0.00
15 T	Acrylonitrile	0.192	0.229	-19.3	123	0.00
16 T	Acetone	0.210	0.263	-25.2#	145	0.00
17 T	Carbon Disulfide	1.850	1.658	10.4	92	0.00
18 T	Methyl Acetate	0.815	0.891	-9.3	119	0.00
19 T	Methyl tert-butyl Ether	1.684	1.845	-9.6	107	0.00
20 T	Methylene Chloride	0.775	0.706	8.9	103	0.00
21 T	trans-1,2-Dichloroethene	0.637	0.637	0.0	99	0.00
22 T	Diisopropyl ether	1.981	2.064	-4.2	103	0.00
23 T	Vinyl Acetate	1.169	1.285	-9.9	109	0.00
24 P	1,1-Dichloroethane	1.142	1.142	0.0	101	0.01
25 T	2-Butanone	0.258	0.334	-29.5#	142	0.00
26 T	2,2-Dichloropropane	1.073	1.135	-5.8	108	0.00
27 T	cis-1,2-Dichloroethene	0.712	0.734	-3.1	105	0.00
28 T	Bromochloromethane	0.465	0.391	15.9	90	0.00
29 T	Tetrahydrofuran	0.164	0.205	-25.0	134	0.00
30 C	Chloroform	1.212	1.265	-4.4#	105	0.00
31 T	Cyclohexane	0.933	0.934	-0.1	103	0.00
32 T	1,1,1-Trichloroethane	1.093	1.171	-7.1	108	0.00
33 S	1,2-Dichloroethane-d4	0.696	0.612	12.1	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.355	0.347	2.3	97	0.01
36 T	1,1-Dichloropropene	0.553	0.608	-9.9	105	0.00
37 T	Ethyl Acetate	0.381	0.450	-18.1	116	0.00
38 T	Carbon Tetrachloride	0.638	0.736	-15.4	109	0.01
39 T	Methylcyclohexane	0.613	0.707	-15.3	106	0.00
40 TM	Benzene	1.644	1.754	-6.7	103	0.00
41 T	Methacrylonitrile	0.195	0.225	-15.4	128	0.01
42 TM	1,2-Dichloroethane	0.581	0.635	-9.3	108	0.00
43 T	Isopropyl Acetate	0.669	0.800	-19.6	117	0.00
44 TM	Trichloroethene	0.439	0.487	-10.9	105	0.00
45 C	1,2-Dichloropropane	0.418	0.442	-5.7#	102	0.00
46 T	Dibromomethane	0.257	0.282	-9.7	108	0.00
47 T	Bromodichloromethane	0.602	0.658	-9.3	105	0.00
48 T	Methyl methacrylate	0.312	0.372	-19.2	116	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	130	-0.01
50 S	Toluene-d8	1.326	1.181	10.9	93	0.00
51 T	4-Methyl-2-Pentanone	0.363	0.472	-30.0#	128	0.00
52 CM	Toluene	1.019	1.128	-10.7#	105	0.00
53 T	t-1,3-Dichloropropene	0.634	0.728	-14.8	110	0.00
54 T	cis-1,3-Dichloropropene	0.691	0.749	-8.4	105	0.00
55 T	1,1,2-Trichloroethane	0.341	0.389	-14.1	111	0.00
56 T	Ethyl methacrylate	0.470	0.579	-23.2	114	0.00
57 T	1,3-Dichloropropane	0.583	0.657	-12.7	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.177	0.230	-29.9#	108	0.00
59 T	2-Hexanone	0.262	0.356	-35.9#	135	0.00
60 T	Dibromochloromethane	0.436	0.511	-17.2	114	0.00
61 T	1,2-Dibromoethane	0.336	0.391	-16.4	114	0.00
62 S	4-Bromofluorobenzene	0.471	0.491	-4.2	106	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.426	0.528	-23.9	124	0.00
65 PM	Chlorobenzene	1.201	1.280	-6.6	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.473	0.518	-9.5	108	0.00
67 C	Ethyl Benzene	2.103	2.336	-11.1#	108	0.00
68 T	m/p-Xylenes	0.809	0.909	-12.4	109	0.00
69 T	o-Xylene	0.765	0.866	-13.2	110	0.00
70 T	Styrene	1.305	1.499	-14.9	111	0.00
71 P	Bromoform	0.324	0.390	-20.4	121	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.00
73 T	Isopropylbenzene	3.814	4.060	-6.4	112	0.00
74 T	N-amyl acetate	1.209	1.372	-13.5	123	0.00
75 P	1,1,2,2-Tetrachloroethane	0.852	0.919	-7.9	121	0.00
76 T	1,2,3-Trichloropropane	0.656	0.746	-13.7	119	0.00
77 T	Bromobenzene	1.003	1.018	-1.5	110	0.00
78 T	n-propylbenzene	4.659	4.959	-6.4	112	0.00
79 T	2-Chlorotoluene	2.681	2.798	-4.4	113	0.00
80 T	1,3,5-Trimethylbenzene	3.266	3.465	-6.1	112	0.00
81 T	trans-1,4-Dichloro-2-butene	0.303	0.343	-13.2	122	0.00
82 T	4-Chlorotoluene	2.841	2.951	-3.9	112	0.00
83 T	tert-Butylbenzene	2.775	2.967	-6.9	113	0.00
84 T	1,2,4-Trimethylbenzene	3.233	3.473	-7.4	114	0.00
85 T	sec-Butylbenzene	4.035	4.389	-8.8	114	0.00
86 T	p-Isopropyltoluene	3.453	3.748	-8.5	114	0.00
87 T	1,3-Dichlorobenzene	1.914	1.997	-4.3	114	0.00
88 T	1,4-Dichlorobenzene	1.929	1.973	-2.3	113	0.00
89 T	n-Butylbenzene	3.203	3.534	-10.3	117	0.00
90 T	Hexachloroethane	0.688	0.736	-7.0	117	0.00
91 T	1,2-Dichlorobenzene	1.719	1.815	-5.6	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.191	-17.9	142	0.00
93 T	1,2,4-Trichlorobenzene	1.089	1.195	-9.7	121	0.00
94 T	Hexachlorobutadiene	0.629	0.708	-12.6	122	0.00
95 T	Naphthalene	2.210	2.603	-17.8	131	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.984	1.077	-9.5	124	0.00

(#) = Out of Range

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