

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014274.D
 Acq On : 20 Jun 2023 11:03
 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 21 02:06:05 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	99	0.00
2 T	Dichlorodifluoromethane	0.557	0.535	3.9	98	0.00
3 P	Chloromethane	0.707	0.599	15.3	89	0.00
4 C	Vinyl Chloride	0.687	0.640	6.8#	95	0.00
5 T	Bromomethane	0.567	0.453	20.1	90	-0.03
6 T	Chloroethane	0.467	0.399	14.6	92	-0.01
7 T	Trichlorofluoromethane	1.116	1.133	-1.5	103	-0.01
8 T	Diethyl Ether	0.373	0.362	2.9	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.600	-6.6	105	-0.01
10 T	Methyl Iodide	0.744	0.710	4.6	92	-0.01
11 T	Tert butyl alcohol	0.092	0.120	-30.4#	161#	-0.01
12 CM	1,1-Dichloroethene	0.571	0.563	1.4#	101	-0.01
13 T	Acrolein	0.044	0.034	22.7	103	0.00
14 T	Allyl chloride	1.035	1.014	2.0	99	-0.01
15 T	Acrylonitrile	0.192	0.239	-24.5	129	-0.01
16 T	Acetone	0.210	0.252	-20.0	140	-0.01
17 T	Carbon Disulfide	1.850	1.703	7.9	95	-0.01
18 T	Methyl Acetate	0.815	1.015	-24.5	136	0.00
19 T	Methyl tert-butyl Ether	1.684	1.764	-4.8	103	0.00
20 T	Methylene Chloride	0.775	0.673	13.2	99	0.00
21 T	trans-1,2-Dichloroethene	0.637	0.629	1.3	98	0.00
22 T	Diisopropyl ether	1.981	2.041	-3.0	102	0.00
23 T	Vinyl Acetate	1.169	1.289	-10.3	110	0.00
24 P	1,1-Dichloroethane	1.142	1.144	-0.2	102	0.00
25 T	2-Butanone	0.258	0.357	-38.4#	152#	0.00
26 T	2,2-Dichloropropane	1.073	1.122	-4.6	107	0.00
27 T	cis-1,2-Dichloroethene	0.712	0.715	-0.4	103	0.00
28 T	Bromochloromethane	0.465	0.423	9.0	98	0.00
29 T	Tetrahydrofuran	0.164	0.221	-34.8#	145	0.00
30 C	Chloroform	1.212	1.228	-1.3#	103	0.00
31 T	Cyclohexane	0.933	1.003	-7.5	111	0.00
32 T	1,1,1-Trichloroethane	1.093	1.144	-4.7	106	0.00
33 S	1,2-Dichloroethane-d4	0.696	0.623	10.5	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.355	0.361	-1.7	101	0.00
36 T	1,1-Dichloropropene	0.553	0.613	-10.8	106	0.00
37 T	Ethyl Acetate	0.381	0.481	-26.2#	124	0.00
38 T	Carbon Tetrachloride	0.638	0.717	-12.4	106	0.00
39 T	Methylcyclohexane	0.613	0.724	-18.1	109	0.00
40 TM	Benzene	1.644	1.736	-5.6	102	0.00
41 T	Methacrylonitrile	0.195	0.224	-14.9	127	0.00
42 TM	1,2-Dichloroethane	0.581	0.615	-5.9	104	0.00
43 T	Isopropyl Acetate	0.669	0.826	-23.5	121	0.00
44 TM	Trichloroethene	0.439	0.475	-8.2	103	0.00
45 C	1,2-Dichloropropane	0.418	0.443	-6.0#	103	0.00
46 T	Dibromomethane	0.257	0.281	-9.3	108	0.00
47 T	Bromodichloromethane	0.602	0.642	-6.6	103	0.00
48 T	Methyl methacrylate	0.312	0.385	-23.4	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.005	-66.7#	139	-0.02
50 S	Toluene-d8	1.326	1.223	7.8	97	0.00
51 T	4-Methyl-2-Pentanone	0.363	0.492	-35.5#	133	0.00
52 CM	Toluene	1.019	1.101	-8.0#	103	0.00
53 T	t-1,3-Dichloropropene	0.634	0.695	-9.6	106	0.00
54 T	cis-1,3-Dichloropropene	0.691	0.734	-6.2	103	0.00
55 T	1,1,2-Trichloroethane	0.341	0.381	-11.7	109	0.00
56 T	Ethyl methacrylate	0.470	0.561	-19.4	111	0.00
57 T	1,3-Dichloropropane	0.583	0.647	-11.0	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.177	0.287	-62.1#	135	0.00
59 T	2-Hexanone	0.262	0.369	-40.8#	140	0.00
60 T	Dibromochloromethane	0.436	0.492	-12.8	110	0.00
61 T	1,2-Dibromoethane	0.336	0.382	-13.7	111	0.00
62 S	4-Bromofluorobenzene	0.471	0.505	-7.2	109	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.426	0.500	-17.4	118	0.00
65 PM	Chlorobenzene	1.201	1.235	-2.8	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.473	0.485	-2.5	102	0.00
67 C	Ethyl Benzene	2.103	2.268	-7.8#	106	0.00
68 T	m/p-Xylenes	0.809	0.868	-7.3	106	0.00
69 T	o-Xylene	0.765	0.831	-8.6	106	0.00
70 T	Styrene	1.305	1.416	-8.5	106	0.00
71 P	Bromoform	0.324	0.374	-15.4	117	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73 T	Isopropylbenzene	3.814	3.961	-3.9	107	0.00
74 T	N-amyl acetate	1.209	1.369	-13.2	120	0.00
75 P	1,1,2,2-Tetrachloroethane	0.852	0.942	-10.6	122	0.00
76 T	1,2,3-Trichloropropane	0.656	0.705	-7.5	110	0.00
77 T	Bromobenzene	1.003	0.998	0.5	106	0.00
78 T	n-propylbenzene	4.659	4.897	-5.1	109	0.00
79 T	2-Chlorotoluene	2.681	2.742	-2.3	109	0.00
80 T	1,3,5-Trimethylbenzene	3.266	3.421	-4.7	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.303	0.344	-13.5	121	0.00
82 T	4-Chlorotoluene	2.841	2.884	-1.5	107	0.00
83 T	tert-Butylbenzene	2.775	2.932	-5.7	110	0.00
84 T	1,2,4-Trimethylbenzene	3.233	3.415	-5.6	110	0.00
85 T	sec-Butylbenzene	4.035	4.372	-8.4	112	0.00
86 T	p-Isopropyltoluene	3.453	3.654	-5.8	110	0.00
87 T	1,3-Dichlorobenzene	1.914	1.909	0.3	107	0.00
88 T	1,4-Dichlorobenzene	1.929	1.906	1.2	108	0.00
89 T	n-Butylbenzene	3.203	3.503	-9.4	114	0.00
90 T	Hexachloroethane	0.688	0.715	-3.9	112	0.00
91 T	1,2-Dichlorobenzene	1.719	1.762	-2.5	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.193	-19.1	141	0.00
93 T	1,2,4-Trichlorobenzene	1.089	1.113	-2.2	111	0.00
94 T	Hexachlorobutadiene	0.629	0.674	-7.2	114	0.00
95 T	Naphthalene	2.210	2.524	-14.2	125	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.984	1.000	-1.6	113	0.00

(#) = Out of Range

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