

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014325.D
 Acq On : 21 Jun 2023 08:40
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 21 08:51:08 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	86	0.01
2 T	Dichlorodifluoromethane	0.557	0.545	2.2	86	0.00
3 P	Chloromethane	0.707	0.637	9.9	82	0.00
4 C	Vinyl Chloride	0.687	0.660	3.9#	84	0.00
5 T	Bromomethane	0.567	0.522	7.9	90	-0.01
6 T	Chloroethane	0.467	0.448	4.1	89	0.00
7 T	Trichlorofluoromethane	1.116	1.232	-10.4	97	0.00
8 T	Diethyl Ether	0.373	0.399	-7.0	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.636	-13.0	96	0.00
10 T	Methyl Iodide	0.744	0.702	5.6	79	0.00
11 T	Tert butyl alcohol	0.092	0.108	-17.4	125	0.00
12 CM	1,1-Dichloroethene	0.571	0.624	-9.3#	96	0.00
13 T	Acrolein	0.044	0.031	29.5#	81	0.01
14 T	Allyl chloride	1.035	1.062	-2.6	89	0.00
15 T	Acrylonitrile	0.192	0.235	-22.4	109	0.00
16 T	Acetone	0.210	0.197	6.2	94	0.00
17 T	Carbon Disulfide	1.850	1.889	-2.1	91	0.00
18 T	Methyl Acetate	0.815	0.995	-22.1	116	0.01
19 T	Methyl tert-butyl Ether	1.684	1.951	-15.9	98	0.01
20 T	Methylene Chloride	0.775	0.997	-28.6#	126	0.01
21 T	trans-1,2-Dichloroethene	0.637	0.722	-13.3	97	0.01
22 T	Diisopropyl ether	1.981	2.339	-18.1	101	0.01
23 T	Vinyl Acetate	1.169	1.319	-12.8	97	0.00
24 P	1,1-Dichloroethane	1.142	1.299	-13.7	100	0.02
25 T	2-Butanone	0.258	0.315	-22.1	116	0.00
26 T	2,2-Dichloropropane	1.073	0.998	7.0	83	0.00
27 T	cis-1,2-Dichloroethene	0.712	0.830	-16.6	103	0.01
28 T	Bromochloromethane	0.465	0.485	-4.3	97	0.01
29 T	Tetrahydrofuran	0.164	0.212	-29.3#	120	0.00
30 C	Chloroform	1.212	1.428	-17.8#	103	0.00
31 T	Cyclohexane	0.933	1.062	-13.8	102	0.00
32 T	1,1,1-Trichloroethane	1.093	1.288	-17.8	104	0.00
33 S	1,2-Dichloroethane-d4	0.696	0.657	5.6	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.355	0.374	-5.4	94	0.01
36 T	1,1-Dichloropropene	0.553	0.660	-19.3	102	0.00
37 T	Ethyl Acetate	0.381	0.457	-19.9	105	0.00
38 T	Carbon Tetrachloride	0.638	0.789	-23.7	105	0.01
39 T	Methylcyclohexane	0.613	0.755	-23.2	102	0.00
40 TM	Benzene	1.644	1.961	-19.3	103	0.01
41 T	Methacrylonitrile	0.195	0.243	-24.6	124	0.01
42 TM	1,2-Dichloroethane	0.581	0.681	-17.2	104	0.00
43 T	Isopropyl Acetate	0.669	0.805	-20.3	105	0.00
44 TM	Trichloroethene	0.439	0.529	-20.5	103	0.00
45 C	1,2-Dichloropropane	0.418	0.490	-17.2#	102	0.00
46 T	Dibromomethane	0.257	0.305	-18.7	105	0.00
47 T	Bromodichloromethane	0.602	0.737	-22.4	106	0.00
48 T	Methyl methacrylate	0.312	0.383	-22.8	108	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	114	-0.02
50 S	Toluene-d8	1.326	1.279	3.5	91	0.00
51 T	4-Methyl-2-Pentanone	0.363	0.476	-31.1#	115	0.00
52 CM	Toluene	1.019	1.238	-21.5#	104	0.00
53 T	t-1,3-Dichloropropene	0.634	0.716	-12.9	98	0.00
54 T	cis-1,3-Dichloropropene	0.691	0.774	-12.0	98	0.00
55 T	1,1,2-Trichloroethane	0.341	0.421	-23.5	108	0.00
56 T	Ethyl methacrylate	0.470	0.595	-26.6#	105	0.00
57 T	1,3-Dichloropropane	0.583	0.710	-21.8	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.177	0.261	-47.5#	110	0.00
59 T	2-Hexanone	0.262	0.341	-30.2#	116	0.00
60 T	Dibromochloromethane	0.436	0.544	-24.8	109	0.00
61 T	1,2-Dibromoethane	0.336	0.411	-22.3	107	0.00
62 S	4-Bromofluorobenzene	0.471	0.535	-13.6	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.426	0.582	-36.6#	126	0.00
65 PM	Chlorobenzene	1.201	1.373	-14.3	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.473	0.553	-16.9	106	0.00
67 C	Ethyl Benzene	2.103	2.514	-19.5#	107	0.00
68 T	m/p-Xylenes	0.809	0.969	-19.8	107	0.00
69 T	o-Xylene	0.765	0.926	-21.0	108	0.00
70 T	Styrene	1.305	1.597	-22.4	109	0.00
71 P	Bromoform	0.324	0.393	-21.3	112	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.814	4.370	-14.6	108	0.00
74 T	N-amyl acetate	1.209	1.341	-10.9	107	0.00
75 P	1,1,2,2-Tetrachloroethane	0.852	0.961	-12.8	113	0.00
76 T	1,2,3-Trichloropropane	0.656	0.729	-11.1	104	0.00
77 T	Bromobenzene	1.003	1.110	-10.7	108	0.00
78 T	n-propylbenzene	4.659	5.403	-16.0	109	0.00
79 T	2-Chlorotoluene	2.681	3.045	-13.6	110	0.00
80 T	1,3,5-Trimethylbenzene	3.266	3.776	-15.6	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.303	0.300	1.0	96	0.00
82 T	4-Chlorotoluene	2.841	3.205	-12.8	109	0.00
83 T	tert-Butylbenzene	2.775	3.231	-16.4	110	0.00
84 T	1,2,4-Trimethylbenzene	3.233	3.765	-16.5	111	0.00
85 T	sec-Butylbenzene	4.035	4.740	-17.5	110	0.00
86 T	p-Isopropyltoluene	3.453	3.959	-14.7	108	0.00
87 T	1,3-Dichlorobenzene	1.914	2.121	-10.8	109	0.00
88 T	1,4-Dichlorobenzene	1.929	2.110	-9.4	109	0.00
89 T	n-Butylbenzene	3.203	3.691	-15.2	109	0.00
90 T	Hexachloroethane	0.688	0.801	-16.4	114	0.00
91 T	1,2-Dichlorobenzene	1.719	1.947	-13.3	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.183	-13.0	122	0.00
93 T	1,2,4-Trichlorobenzene	1.089	1.162	-6.7	105	0.00
94 T	Hexachlorobutadiene	0.629	0.700	-11.3	108	0.00
95 T	Naphthalene	2.210	2.537	-14.8	114	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.984	1.072	-8.9	110	0.00

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