

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014299.D
 Acq On : 20 Jun 2023 21:23
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 21 02:10:30 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	92	0.00
2 T	Dichlorodifluoromethane	0.557	0.520	6.6	88	0.00
3 P	Chloromethane	0.707	0.592	16.3	82	0.00
4 C	Vinyl Chloride	0.687	0.626	8.9#	86	0.00
5 T	Bromomethane	0.567	0.479	15.5	89	-0.02
6 T	Chloroethane	0.467	0.415	11.1	89	-0.01
7 T	Trichlorofluoromethane	1.116	1.187	-6.4	101	-0.01
8 T	Diethyl Ether	0.373	0.371	0.5	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.619	-9.9	101	0.00
10 T	Methyl Iodide	0.744	0.663	10.9	80	0.00
11 T	Tert butyl alcohol	0.092	0.095	-3.3	119	0.00
12 CM	1,1-Dichloroethene	0.571	0.576	-0.9#	96	0.00
13 T	Acrolein	0.044	0.030	31.8#	83	0.00
14 T	Allyl chloride	1.035	1.005	2.9	91	0.00
15 T	Acrylonitrile	0.192	0.231	-20.3	116	0.00
16 T	Acetone	0.210	0.197	6.2	101	0.00
17 T	Carbon Disulfide	1.850	1.750	5.4	91	0.00
18 T	Methyl Acetate	0.815	0.920	-12.9	115	0.00
19 T	Methyl tert-butyl Ether	1.684	1.826	-8.4	99	0.00
20 T	Methylene Chloride	0.775	0.878	-13.3	120	0.00
21 T	trans-1,2-Dichloroethene	0.637	0.667	-4.7	97	0.00
22 T	Diisopropyl ether	1.981	2.159	-9.0	101	0.00
23 T	Vinyl Acetate	1.169	1.312	-12.2	104	0.00
24 P	1,1-Dichloroethane	1.142	1.202	-5.3	100	0.00
25 T	2-Butanone	0.258	0.321	-24.4	128	0.00
26 T	2,2-Dichloropropane	1.073	1.000	6.8	89	0.00
27 T	cis-1,2-Dichloroethene	0.712	0.763	-7.2	103	0.00
28 T	Bromochloromethane	0.465	0.413	11.2	89	0.00
29 T	Tetrahydrofuran	0.164	0.214	-30.5#	131	0.00
30 C	Chloroform	1.212	1.327	-9.5#	104	0.00
31 T	Cyclohexane	0.933	1.010	-8.3	104	0.00
32 T	1,1,1-Trichloroethane	1.093	1.196	-9.4	104	0.00
33 S	1,2-Dichloroethane-d4	0.696	0.642	7.8	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.355	0.379	-6.8	100	0.00
36 T	1,1-Dichloropropene	0.553	0.641	-15.9	104	0.00
37 T	Ethyl Acetate	0.381	0.471	-23.6	114	0.00
38 T	Carbon Tetrachloride	0.638	0.750	-17.6	105	0.00
39 T	Methylcyclohexane	0.613	0.749	-22.2	106	0.00
40 TM	Benzene	1.644	1.859	-13.1	103	0.00
41 T	Methacrylonitrile	0.195	0.208	-6.7	111	0.00
42 TM	1,2-Dichloroethane	0.581	0.651	-12.0	104	0.00
43 T	Isopropyl Acetate	0.669	0.821	-22.7	113	0.00
44 TM	Trichloroethene	0.439	0.501	-14.1	102	0.00
45 C	1,2-Dichloropropane	0.418	0.470	-12.4#	102	0.00
46 T	Dibromomethane	0.257	0.295	-14.8	107	0.00
47 T	Bromodichloromethane	0.602	0.688	-14.3	104	0.00
48 T	Methyl methacrylate	0.312	0.382	-22.4	113	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	0.005	-66.7#	129	-0.02
50 S	Toluene-d8	1.326	1.289	2.8	96	0.00
51 T	4-Methyl-2-Pentanone	0.363	0.488	-34.4#	124	0.00
52 CM	Toluene	1.019	1.176	-15.4#	104	0.00
53 T	t-1,3-Dichloropropene	0.634	0.708	-11.7	101	0.00
54 T	cis-1,3-Dichloropropene	0.691	0.760	-10.0	101	0.00
55 T	1,1,2-Trichloroethane	0.341	0.400	-17.3	107	0.00
56 T	Ethyl methacrylate	0.470	0.586	-24.7	109	0.00
57 T	1,3-Dichloropropane	0.583	0.679	-16.5	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.177	0.250	-41.2#	110	0.00
59 T	2-Hexanone	0.262	0.352	-34.4#	126	0.00
60 T	Dibromochloromethane	0.436	0.526	-20.6	110	0.00
61 T	1,2-Dibromoethane	0.336	0.396	-17.9	109	0.00
62 S	4-Bromofluorobenzene	0.471	0.531	-12.7	108	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.426	0.549	-28.9#	123	0.00
65 PM	Chlorobenzene	1.201	1.304	-8.6	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.473	0.529	-11.8	106	0.00
67 C	Ethyl Benzene	2.103	2.393	-13.8#	106	0.00
68 T	m/p-Xylenes	0.809	0.915	-13.1	106	0.00
69 T	o-Xylene	0.765	0.880	-15.0	107	0.00
70 T	Styrene	1.305	1.514	-16.0	108	0.00
71 P	Bromoform	0.324	0.392	-21.0	117	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.814	4.106	-7.7	107	0.00
74 T	N-amyl acetate	1.209	1.382	-14.3	117	0.00
75 P	1,1,2,2-Tetrachloroethane	0.852	0.948	-11.3	118	0.00
76 T	1,2,3-Trichloropropane	0.656	0.635	3.2	96	0.00
77 T	Bromobenzene	1.003	1.047	-4.4	107	0.00
78 T	n-propylbenzene	4.659	5.073	-8.9	109	0.00
79 T	2-Chlorotoluene	2.681	2.887	-7.7	111	0.00
80 T	1,3,5-Trimethylbenzene	3.266	3.570	-9.3	110	0.00
81 T	trans-1,4-Dichloro-2-butene	0.303	0.318	-5.0	107	0.00
82 T	4-Chlorotoluene	2.841	2.962	-4.3	106	0.00
83 T	tert-Butylbenzene	2.775	3.010	-8.5	109	0.00
84 T	1,2,4-Trimethylbenzene	3.233	3.582	-10.8	111	0.00
85 T	sec-Butylbenzene	4.035	4.509	-11.7	111	0.00
86 T	p-Isopropyltoluene	3.453	3.811	-10.4	110	0.00
87 T	1,3-Dichlorobenzene	1.914	2.023	-5.7	110	0.00
88 T	1,4-Dichlorobenzene	1.929	2.001	-3.7	109	0.00
89 T	n-Butylbenzene	3.203	3.591	-12.1	112	0.00
90 T	Hexachloroethane	0.688	0.762	-10.8	115	0.00
91 T	1,2-Dichlorobenzene	1.719	1.857	-8.0	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.190	-17.3	134	0.00
93 T	1,2,4-Trichlorobenzene	1.089	1.154	-6.0	111	0.00
94 T	Hexachlorobutadiene	0.629	0.697	-10.8	113	0.00
95 T	Naphthalene	2.210	2.541	-15.0	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.984	1.059	-7.6	115	0.00

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