

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015971.D
 Acq On : 13 Oct 2023 20:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 14 01:52:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 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	0.418	0.426	-1.9	89	0.00
3 P	Chloromethane	0.745	0.619	16.9	93	0.00
4 C	Vinyl Chloride	0.535	0.606	-13.3#	102	0.00
5 T	Bromomethane	0.303	0.412	-36.0#	116	0.01
6 T	Chloroethane	0.346	0.377	-9.0	94	0.01
7 T	Trichlorofluoromethane	0.908	1.026	-13.0	102	0.01
8 T	Diethyl Ether	0.339	0.384	-13.3	101	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.548	-6.2	98	0.00
10 T	Methyl Iodide	0.594	0.658	-10.8	94	0.00
11 T	Tert butyl alcohol	0.331	0.236	28.7#	90	0.05
12 CM	1,1-Dichloroethene	0.486	0.533	-9.7#	100	0.00
13 T	Acrolein	0.108	0.123	-13.9	96	0.01
14 T	Allyl chloride	0.786	0.860	-9.4	98	0.01
15 T	Acrylonitrile	0.299	0.345	-15.4	102	0.01
16 T	Acetone	0.331	0.348	-5.1	81	0.02
17 T	Carbon Disulfide	1.486	1.502	-1.1	92	0.00
18 T	Methyl Acetate	1.150	1.340	-16.5	105	0.02
19 T	Methyl tert-butyl Ether	1.630	1.725	-5.8	94	0.02
20 T	Methylene Chloride	0.750	0.659	12.1	97	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.590	-3.9	95	0.00
22 T	Diisopropyl ether	1.632	1.783	-9.3	98	0.02
23 T	Vinyl Acetate	1.073	1.158	-7.9	93	0.02
24 P	1,1-Dichloroethane	0.971	1.023	-5.4	97	0.02
25 T	2-Butanone	0.482	0.516	-7.1	95	0.02
26 T	2,2-Dichloropropane	0.806	0.814	-1.0	94	0.01
27 T	cis-1,2-Dichloroethene	0.639	0.672	-5.2	95	0.01
28 T	Bromochloromethane	0.433	0.455	-5.1	96	0.00
29 T	Tetrahydrofuran	0.331	0.444	-34.1#	120	0.02
30 C	Chloroform	1.008	1.085	-7.6#	98	0.00
31 T	Cyclohexane	0.908	0.894	1.5	94	0.01
32 T	1,1,1-Trichloroethane	0.896	0.936	-4.5	96	0.00
33 S	1,2-Dichloroethane-d4	0.571	0.563	1.4	88	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.315	0.308	2.2	88	0.01
36 T	1,1-Dichloropropene	0.475	0.491	-3.4	96	0.01
37 T	Ethyl Acetate	0.733	0.974	-32.9#	120	0.01
38 T	Carbon Tetrachloride	0.500	0.507	-1.4	95	0.01
39 T	Methylcyclohexane	0.609	0.619	-1.6	95	0.01
40 TM	Benzene	1.374	1.441	-4.9	98	0.00
41 T	Methacrylonitrile	0.242	0.228	5.8	88	0.01
42 TM	1,2-Dichloroethane	0.441	0.469	-6.3	99	0.01
43 T	Isopropyl Acetate	0.787	0.904	-14.9	103	0.01
44 TM	Trichloroethene	0.423	0.442	-4.5	100	0.01
45 C	1,2-Dichloropropane	0.351	0.371	-5.7#	99	0.00
46 T	Dibromomethane	0.246	0.264	-7.3	97	0.01
47 T	Bromodichloromethane	0.498	0.523	-5.0	97	0.00
48 T	Methyl methacrylate	0.348	0.392	-12.6	100	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.010	-42.9#	141	0.02
50 S	Toluene-d8	1.179	1.161	1.5	90	0.00
51 T	4-Methyl-2-Pentanone	0.580	0.680	-17.2	105	0.01
52 CM	Toluene	0.879	0.930	-5.8#	98	0.01
53 T	t-1,3-Dichloropropene	0.558	0.589	-5.6	96	0.00
54 T	cis-1,3-Dichloropropene	0.600	0.622	-3.7	95	0.00
55 T	1,1,2-Trichloroethane	0.351	0.368	-4.8	99	0.00
56 T	Ethyl methacrylate	0.549	0.610	-11.1	100	0.00
57 T	1,3-Dichloropropane	0.595	0.629	-5.7	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.241	0.370	-53.5#	176#	0.00
59 T	2-Hexanone	0.495	0.595	-20.2	109	0.00
60 T	Dibromochloromethane	0.399	0.424	-6.3	97	0.00
61 T	1,2-Dibromoethane	0.380	0.403	-6.1	98	0.00
62 S	4-Bromofluorobenzene	0.420	0.419	0.2	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.436	0.452	-3.7	104	0.01
65 PM	Chlorobenzene	1.048	1.084	-3.4	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.406	-4.6	100	0.00
67 C	Ethyl Benzene	1.832	1.909	-4.2#	98	0.00
68 T	m/p-Xylenes	0.707	0.740	-4.7	98	0.00
69 T	o-Xylene	0.676	0.715	-5.8	99	0.00
70 T	Styrene	1.150	1.235	-7.4	99	0.01
71 P	Bromoform	0.330	0.354	-7.3	99	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.540	3.647	-3.0	98	0.00
74 T	N-amyl acetate	1.430	1.601	-12.0	102	0.00
75 P	1,1,2,2-Tetrachloroethane	1.087	1.120	-3.0	97	0.00
76 T	1,2,3-Trichloropropane	0.979	0.965	1.4	106	0.00
77 T	Bromobenzene	0.889	0.919	-3.4	98	0.00
78 T	n-propylbenzene	4.304	4.432	-3.0	97	0.00
79 T	2-Chlorotoluene	2.435	2.509	-3.0	98	0.00
80 T	1,3,5-Trimethylbenzene	2.941	3.057	-3.9	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.415	0.448	-8.0	98	0.00
82 T	4-Chlorotoluene	2.502	2.605	-4.1	99	0.00
83 T	tert-Butylbenzene	2.584	2.695	-4.3	97	0.00
84 T	1,2,4-Trimethylbenzene	2.952	3.069	-4.0	98	0.00
85 T	sec-Butylbenzene	3.835	3.928	-2.4	96	0.00
86 T	p-Isopropyltoluene	3.205	3.294	-2.8	96	0.00
87 T	1,3-Dichlorobenzene	1.706	1.738	-1.9	98	0.00
88 T	1,4-Dichlorobenzene	1.723	1.763	-2.3	98	0.00
89 T	n-Butylbenzene	3.014	3.052	-1.3	95	0.00
90 T	Hexachloroethane	0.614	0.627	-2.1	98	0.00
91 T	1,2-Dichlorobenzene	1.601	1.660	-3.7	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.311	0.346	-11.3	108	0.00
93 T	1,2,4-Trichlorobenzene	1.052	1.036	1.5	93	0.00
94 T	Hexachlorobutadiene	0.534	0.497	6.9	89	0.00
95 T	Naphthalene	3.414	3.842	-12.5	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.009	0.991	1.8	94	0.00

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