

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015974.D
 Acq On : 16 Oct 2023 09:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 17 05:38:41 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	93	0.01
2 T	Dichlorodifluoromethane	0.418	0.423	-1.2	90	0.01
3 P	Chloromethane	0.745	0.605	18.8	92	0.01
4 C	Vinyl Chloride	0.535	0.600	-12.1#	102	0.01
5 T	Bromomethane	0.303	0.408	-34.7#	116	0.02
6 T	Chloroethane	0.346	0.392	-13.3	98	0.02
7 T	Trichlorofluoromethane	0.908	0.994	-9.5	100	0.02
8 T	Diethyl Ether	0.339	0.354	-4.4	94	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.526	-1.9	95	0.01
10 T	Methyl Iodide	0.594	0.698	-17.5	101	0.01
11 T	Tert butyl alcohol	0.331	0.172	48.0#	66	0.10
12 CM	1,1-Dichloroethene	0.486	0.529	-8.8#	100	0.02
13 T	Acrolein	0.108	0.104	3.7	81	0.02
14 T	Allyl chloride	0.786	0.932	-18.6	107	0.02
15 T	Acrylonitrile	0.299	0.297	0.7	89	0.02
16 T	Acetone	0.331	0.324	2.1	77	0.04
17 T	Carbon Disulfide	1.486	1.623	-9.2	100	0.00
18 T	Methyl Acetate	1.150	1.196	-4.0	94	0.03
19 T	Methyl tert-butyl Ether	1.630	1.622	0.5	89	0.02
20 T	Methylene Chloride	0.750	0.661	11.9	98	0.01
21 T	trans-1,2-Dichloroethene	0.568	0.603	-6.2	98	0.00
22 T	Diisopropyl ether	1.632	1.742	-6.7	97	0.02
23 T	Vinyl Acetate	1.073	1.058	1.4	85	0.02
24 P	1,1-Dichloroethane	0.971	1.032	-6.3	99	0.02
25 T	2-Butanone	0.482	0.413	14.3	77	0.03
26 T	2,2-Dichloropropane	0.806	0.853	-5.8	99	0.02
27 T	cis-1,2-Dichloroethene	0.639	0.668	-4.5	96	0.02
28 T	Bromochloromethane	0.433	0.448	-3.5	95	0.00
29 T	Tetrahydrofuran	0.331	0.317	4.2	86	0.02
30 C	Chloroform	1.008	1.066	-5.8#	97	0.01
31 T	Cyclohexane	0.908	0.864	4.8	92	0.01
32 T	1,1,1-Trichloroethane	0.896	0.943	-5.2	98	0.00
33 S	1,2-Dichloroethane-d4	0.571	0.592	-3.7	94	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.315	0.336	-6.7	97	0.01
36 T	1,1-Dichloropropene	0.475	0.489	-2.9	97	0.01
37 T	Ethyl Acetate	0.733	0.705	3.8	88	0.02
38 T	Carbon Tetrachloride	0.500	0.508	-1.6	97	0.01
39 T	Methylcyclohexane	0.609	0.591	3.0	92	0.01
40 TM	Benzene	1.374	1.412	-2.8	97	0.01
41 T	Methacrylonitrile	0.242	0.221	8.7	86	0.01
42 TM	1,2-Dichloroethane	0.441	0.429	2.7	92	0.02
43 T	Isopropyl Acetate	0.787	0.728	7.5	84	0.01
44 TM	Trichloroethene	0.423	0.434	-2.6	100	0.01
45 C	1,2-Dichloropropane	0.351	0.361	-2.8#	97	0.01
46 T	Dibromomethane	0.246	0.243	1.2	90	0.01
47 T	Bromodichloromethane	0.498	0.521	-4.6	98	0.00
48 T	Methyl methacrylate	0.348	0.336	3.4	87	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.008	-14.3	108	0.05
50 S	Toluene-d8	1.179	1.280	-8.6	100	0.00
51 T	4-Methyl-2-Pentanone	0.580	0.616	-6.2	96	0.01
52 CM	Toluene	0.879	0.919	-4.6#	98	0.01
53 T	t-1,3-Dichloropropene	0.558	0.577	-3.4	95	0.00
54 T	cis-1,3-Dichloropropene	0.600	0.625	-4.2	96	0.00
55 T	1,1,2-Trichloroethane	0.351	0.361	-2.8	98	0.01
56 T	Ethyl methacrylate	0.549	0.571	-4.0	94	0.01
57 T	1,3-Dichloropropane	0.595	0.606	-1.8	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.241	0.352	-46.1#	169#	0.00
59 T	2-Hexanone	0.495	0.523	-5.7	97	0.01
60 T	Dibromochloromethane	0.399	0.417	-4.5	96	0.00
61 T	1,2-Dibromoethane	0.380	0.380	0.0	94	0.01
62 S	4-Bromofluorobenzene	0.420	0.445	-6.0	98	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.436	0.422	3.2	97	0.01
65 PM	Chlorobenzene	1.048	1.071	-2.2	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.408	-5.2	100	0.01
67 C	Ethyl Benzene	1.832	1.911	-4.3#	98	0.00
68 T	m/p-Xylenes	0.707	0.742	-5.0	98	0.00
69 T	o-Xylene	0.676	0.711	-5.2	98	0.01
70 T	Styrene	1.150	1.213	-5.5	98	0.01
71 P	Bromoform	0.330	0.342	-3.6	96	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.540	3.736	-5.5	98	0.01
74 T	N-amyl acetate	1.430	1.504	-5.2	94	0.00
75 P	1,1,2,2-Tetrachloroethane	1.087	1.117	-2.8	94	0.00
76 T	1,2,3-Trichloropropane	0.979	1.002	-2.3	107	0.00
77 T	Bromobenzene	0.889	0.923	-3.8	97	0.01
78 T	n-propylbenzene	4.304	4.518	-5.0	97	0.01
79 T	2-Chlorotoluene	2.435	2.545	-4.5	97	0.01
80 T	1,3,5-Trimethylbenzene	2.941	3.115	-5.9	98	0.01
81 T	trans-1,4-Dichloro-2-butene	0.415	0.447	-7.7	96	0.01
82 T	4-Chlorotoluene	2.502	2.646	-5.8	99	0.01
83 T	tert-Butylbenzene	2.584	2.709	-4.8	96	0.01
84 T	1,2,4-Trimethylbenzene	2.952	3.086	-4.5	97	0.00
85 T	sec-Butylbenzene	3.835	4.019	-4.8	97	0.00
86 T	p-Isopropyltoluene	3.205	3.345	-4.4	96	0.00
87 T	1,3-Dichlorobenzene	1.706	1.773	-3.9	98	0.01
88 T	1,4-Dichlorobenzene	1.723	1.779	-3.3	97	0.01
89 T	n-Butylbenzene	3.014	3.011	0.1	92	0.01
90 T	Hexachloroethane	0.614	0.654	-6.5	100	0.00
91 T	1,2-Dichlorobenzene	1.601	1.678	-4.8	98	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.311	0.327	-5.1	101	0.00
93 T	1,2,4-Trichlorobenzene	1.052	1.055	-0.3	93	0.01
94 T	Hexachlorobutadiene	0.534	0.518	3.0	91	0.00
95 T	Naphthalene	3.414	3.613	-5.8	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.009	1.021	-1.2	95	0.00

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