

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013954.D
 Acq On : 31 May 2023 22:25
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 01 03:33:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 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	83	0.00
2 T	Dichlorodifluoromethane	0.458	0.433	5.5	68	0.00
3 P	Chloromethane	0.558	0.548	1.8	77	0.00
4 C	Vinyl Chloride	0.571	0.517	9.5#	69	0.00
5 T	Bromomethane	0.453	0.443	2.2	84	0.00
6 T	Chloroethane	0.372	0.360	3.2	79	0.00
7 T	Trichlorofluoromethane	0.960	0.867	9.7	71	0.00
8 T	Diethyl Ether	0.295	0.362	-22.7	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.521	0.468	10.2	72	0.00
10 T	Methyl Iodide	0.618	0.588	4.9	69	0.00
11 T	Tert butyl alcohol	0.044	0.122	-177.3#	220#	-0.01
12 CM	1,1-Dichloroethene	0.489	0.445	9.0#	71	0.00
13 T	Acrolein	0.067	0.093	-38.8#	119	0.00
14 T	Allyl chloride	0.893	0.864	3.2	79	0.00
15 T	Acrylonitrile	0.151	0.228	-51.0#	120	0.00
16 T	Acetone	0.172	0.207	-20.3	98	0.00
17 T	Carbon Disulfide	1.460	1.276	12.6	66	0.00
18 T	Methyl Acetate	0.596	0.870	-46.0#	120	0.00
19 T	Methyl tert-butyl Ether	1.335	1.724	-29.1#	101	0.00
20 T	Methylene Chloride	0.686	0.677	1.3	94	0.00
21 T	trans-1,2-Dichloroethene	0.532	0.522	1.9	78	0.00
22 T	Diisopropyl ether	1.724	2.000	-16.0	92	0.00
23 T	Vinyl Acetate	1.004	1.338	-33.3#	102	0.00
24 P	1,1-Dichloroethane	1.006	1.018	-1.2	83	0.00
25 T	2-Butanone	0.209	0.311	-48.8#	118	0.00
26 T	2,2-Dichloropropane	0.907	0.811	10.6	73	0.00
27 T	cis-1,2-Dichloroethene	0.597	0.646	-8.2	86	0.00
28 T	Bromochloromethane	0.295	0.299	-1.4	90	0.00
29 T	Tetrahydrofuran	0.125	0.214	-71.2#	127	0.00
30 C	Chloroform	1.020	1.105	-8.3#	88	0.00
31 T	Cyclohexane	0.889	0.748	15.9	67	0.00
32 T	1,1,1-Trichloroethane	0.931	0.894	4.0	77	0.00
33 S	1,2-Dichloroethane-d4	0.578	0.688	-19.0	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.323	0.341	-5.6	94	0.00
36 T	1,1-Dichloropropene	0.492	0.435	11.6	73	0.00
37 T	Ethyl Acetate	0.300	0.452	-50.7#	121	0.00
38 T	Carbon Tetrachloride	0.559	0.498	10.9	76	0.00
39 T	Methylcyclohexane	0.576	0.492	14.6	69	0.00
40 TM	Benzene	1.413	1.393	1.4	84	0.00
41 T	Methacrylonitrile	0.164	0.193	-17.7	111	0.00
42 TM	1,2-Dichloroethane	0.463	0.536	-15.8	98	0.00
43 T	Isopropyl Acetate	0.547	0.759	-38.8#	115	0.00
44 TM	Trichloroethene	0.381	0.352	7.6	79	0.00
45 C	1,2-Dichloropropane	0.362	0.379	-4.7#	90	0.00
46 T	Dibromomethane	0.207	0.245	-18.4	100	0.00
47 T	Bromodichloromethane	0.505	0.552	-9.3	95	0.00
48 T	Methyl methacrylate	0.257	0.345	-34.2#	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.004	-100.0#	133	0.00
50 S	Toluene-d8	1.227	1.148	6.4	86	0.00
51 T	4-Methyl-2-Pentanone	0.291	0.449	-54.3#	124	0.00
52 CM	Toluene	0.861	0.853	0.9#	84	0.00
53 T	t-1,3-Dichloropropene	0.514	0.584	-13.6	94	0.00
54 T	cis-1,3-Dichloropropene	0.576	0.617	-7.1	90	0.00
55 T	1,1,2-Trichloroethane	0.279	0.337	-20.8	102	0.00
56 T	Ethyl methacrylate	0.372	0.499	-34.1#	107	0.00
57 T	1,3-Dichloropropane	0.475	0.566	-19.2	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.119	0.126	-5.9	103	0.00
59 T	2-Hexanone	0.207	0.323	-56.0#	123	0.00
60 T	Dibromochloromethane	0.353	0.410	-16.1	98	0.00
61 T	1,2-Dibromoethane	0.265	0.335	-26.4#	104	0.00
62 S	4-Bromofluorobenzene	0.408	0.438	-7.4	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.370	0.336	9.2	82	0.00
65 PM	Chlorobenzene	1.048	1.008	3.8	89	0.00
66 T	1,1,1,2-Tetrachloroethane	0.404	0.411	-1.7	94	0.00
67 C	Ethyl Benzene	1.886	1.723	8.6#	82	0.00
68 T	m/p-Xylenes	0.714	0.669	6.3	84	0.00
69 T	o-Xylene	0.672	0.651	3.1	87	0.00
70 T	Styrene	1.139	1.147	-0.7	90	0.00
71 P	Bromoform	0.264	0.314	-18.9	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.721	3.133	15.8	82	0.00
74 T	N-amyl acetate	1.119	1.336	-19.4	111	0.00
75 P	1,1,2,2-Tetrachloroethane	0.770	0.900	-16.9	113	0.00
76 T	1,2,3-Trichloropropane	0.590	0.645	-9.3	128	0.00
77 T	Bromobenzene	0.913	0.857	6.1	93	0.00
78 T	n-propylbenzene	4.598	3.887	15.5	82	0.00
79 T	2-Chlorotoluene	2.568	2.298	10.5	90	0.00
80 T	1,3,5-Trimethylbenzene	3.072	2.713	11.7	85	0.00
81 T	trans-1,4-Dichloro-2-butene	0.272	0.312	-14.7	107	0.00
82 T	4-Chlorotoluene	2.654	2.399	9.6	91	0.00
83 T	tert-Butylbenzene	2.675	2.318	13.3	85	0.00
84 T	1,2,4-Trimethylbenzene	3.015	2.753	8.7	88	0.00
85 T	sec-Butylbenzene	3.974	3.377	15.0	83	0.00
86 T	p-Isopropyltoluene	3.285	2.829	13.9	84	0.00
87 T	1,3-Dichlorobenzene	1.764	1.625	7.9	92	0.00
88 T	1,4-Dichlorobenzene	1.756	1.635	6.9	94	0.00
89 T	n-Butylbenzene	3.150	2.662	15.5	83	0.00
90 T	Hexachloroethane	0.674	0.569	15.6	86	0.00
91 T	1,2-Dichlorobenzene	1.567	1.507	3.8	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.135	0.172	-27.4#	122	0.00
93 T	1,2,4-Trichlorobenzene	0.972	0.928	4.5	94	0.00
94 T	Hexachlorobutadiene	0.613	0.495	19.2	82	0.00
95 T	Naphthalene	1.856	2.225	-19.9	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.864	0.864	0.0	98	0.00

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