

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
 Data File : VY013836.D
 Acq On : 23 May 2023 17:09
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052323

Quant Time: May 24 05:29:32 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	96	-0.01
2 T	Dichlorodifluoromethane	0.458	0.508	-10.9	93	0.00
3 P	Chloromethane	0.558	0.625	-12.0	102	-0.01
4 C	Vinyl Chloride	0.571	0.643	-12.6#	100	-0.01
5 T	Bromomethane	0.453	0.460	-1.5	101	-0.01
6 T	Chloroethane	0.372	0.394	-5.9	100	-0.01
7 T	Trichlorofluoromethane	0.960	1.010	-5.2	95	0.00
8 T	Diethyl Ether	0.295	0.305	-3.4	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.521	0.552	-6.0	99	-0.01
10 T	Methyl Iodide	0.618	0.680	-10.0	92	-0.01
11 T	Tert butyl alcohol	0.044	0.046	-4.5	95	-0.04
12 CM	1,1-Dichloroethene	0.489	0.522	-6.7#	96	-0.01
13 T	Acrolein	0.067	0.060	10.4	89	-0.01
14 T	Allyl chloride	0.893	0.962	-7.7	102	-0.01
15 T	Acrylonitrile	0.151	0.163	-7.9	99	-0.02
16 T	Acetone	0.172	0.192	-11.6	105	-0.02
17 T	Carbon Disulfide	1.460	1.697	-16.2	101	-0.01
18 T	Methyl Acetate	0.596	0.626	-5.0	100	-0.02
19 T	Methyl tert-butyl Ether	1.335	1.440	-7.9	98	-0.02
20 T	Methylene Chloride	0.686	0.642	6.4	103	-0.02
21 T	trans-1,2-Dichloroethene	0.532	0.577	-8.5	100	-0.02
22 T	Diisopropyl ether	1.724	1.913	-11.0	102	-0.01
23 T	Vinyl Acetate	1.004	1.141	-13.6	100	-0.02
24 P	1,1-Dichloroethane	1.006	1.080	-7.4	102	-0.02
25 T	2-Butanone	0.209	0.241	-15.3	106	-0.02
26 T	2,2-Dichloropropane	0.907	0.972	-7.2	101	-0.02
27 T	cis-1,2-Dichloroethene	0.597	0.644	-7.9	99	-0.01
28 T	Bromochloromethane	0.295	0.287	2.7	100	-0.01
29 T	Tetrahydrofuran	0.125	0.144	-15.2	98	-0.01
30 C	Chloroform	1.020	1.091	-7.0#	101	-0.02
31 T	Cyclohexane	0.889	0.977	-9.9	102	-0.01
32 T	1,1,1-Trichloroethane	0.931	0.988	-6.1	99	-0.01
33 S	1,2-Dichloroethane-d4	0.578	0.576	0.3	99	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	-0.01
35 S	Dibromofluoromethane	0.323	0.331	-2.5	98	-0.01
36 T	1,1-Dichloropropene	0.492	0.550	-11.8	100	-0.01
37 T	Ethyl Acetate	0.300	0.332	-10.7	95	-0.02
38 T	Carbon Tetrachloride	0.559	0.598	-7.0	98	0.00
39 T	Methylcyclohexane	0.576	0.650	-12.8	97	-0.01
40 TM	Benzene	1.413	1.553	-9.9	100	-0.01
41 T	Methacrylonitrile	0.164	0.139	15.2	86	-0.01
42 TM	1,2-Dichloroethane	0.463	0.488	-5.4	96	-0.01
43 T	Isopropyl Acetate	0.547	0.602	-10.1	98	-0.01
44 TM	Trichloroethene	0.381	0.400	-5.0	97	0.00
45 C	1,2-Dichloropropane	0.362	0.385	-6.4#	99	0.00
46 T	Dibromomethane	0.207	0.219	-5.8	96	-0.01
47 T	Bromodichloromethane	0.505	0.523	-3.6	96	-0.01
48 T	Methyl methacrylate	0.257	0.285	-10.9	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	94	-0.01
50 S	Toluene-d8	1.227	1.194	2.7	96	0.00
51 T	4-Methyl-2-Pentanone	0.291	0.320	-10.0	95	0.00
52 CM	Toluene	0.861	0.919	-6.7#	97	0.00
53 T	t-1,3-Dichloropropene	0.514	0.541	-5.3	94	0.00
54 T	cis-1,3-Dichloropropene	0.576	0.613	-6.4	96	0.00
55 T	1,1,2-Trichloroethane	0.279	0.293	-5.0	95	0.00
56 T	Ethyl methacrylate	0.372	0.410	-10.2	94	0.00
57 T	1,3-Dichloropropane	0.475	0.499	-5.1	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.119	0.107	10.1	94	0.00
59 T	2-Hexanone	0.207	0.235	-13.5	96	0.00
60 T	Dibromochloromethane	0.353	0.365	-3.4	94	0.00
61 T	1,2-Dibromoethane	0.265	0.284	-7.2	95	0.00
62 S	4-Bromofluorobenzene	0.408	0.410	-0.5	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.370	0.387	-4.6	93	0.00
65 PM	Chlorobenzene	1.048	1.115	-6.4	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.404	0.425	-5.2	96	0.00
67 C	Ethyl Benzene	1.886	2.059	-9.2#	96	0.00
68 T	m/p-Xylenes	0.714	0.779	-9.1	96	0.00
69 T	o-Xylene	0.672	0.729	-8.5	96	0.00
70 T	Styrene	1.139	1.226	-7.6	95	0.00
71 P	Bromoform	0.264	0.274	-3.8	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.721	4.013	-7.8	95	0.00
74 T	N-amyl acetate	1.119	1.249	-11.6	94	0.00
75 P	1,1,2,2-Tetrachloroethane	0.770	0.821	-6.6	93	0.00
76 T	1,2,3-Trichloropropane	0.590	0.623	-5.6	112	0.00
77 T	Bromobenzene	0.913	0.946	-3.6	93	0.00
78 T	n-propylbenzene	4.598	5.003	-8.8	96	0.00
79 T	2-Chlorotoluene	2.568	2.735	-6.5	97	0.00
80 T	1,3,5-Trimethylbenzene	3.072	3.322	-8.1	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.272	0.297	-9.2	93	0.00
82 T	4-Chlorotoluene	2.654	2.838	-6.9	98	0.00
83 T	tert-Butylbenzene	2.675	2.882	-7.7	96	0.00
84 T	1,2,4-Trimethylbenzene	3.015	3.246	-7.7	94	0.00
85 T	sec-Butylbenzene	3.974	4.269	-7.4	95	0.00
86 T	p-Isopropyltoluene	3.285	3.578	-8.9	96	0.00
87 T	1,3-Dichlorobenzene	1.764	1.811	-2.7	93	0.00
88 T	1,4-Dichlorobenzene	1.756	1.810	-3.1	94	0.00
89 T	n-Butylbenzene	3.150	3.443	-9.3	97	0.00
90 T	Hexachloroethane	0.674	0.696	-3.3	96	0.00
91 T	1,2-Dichlorobenzene	1.567	1.613	-2.9	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.135	0.141	-4.4	90	0.00
93 T	1,2,4-Trichlorobenzene	0.972	1.035	-6.5	95	0.00
94 T	Hexachlorobutadiene	0.613	0.645	-5.2	97	0.00
95 T	Naphthalene	1.856	2.052	-10.6	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.864	0.914	-5.8	94	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6