

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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	96	-0.01
2 T	Dichlorodifluoromethane	50.000	55.470	-10.9	93	0.00
3 P	Chloromethane	50.000	55.971	-11.9	102	-0.01
4 C	Vinyl Chloride	50.000	56.365	-12.7#	100	-0.01
5 T	Bromomethane	50.000	50.697	-1.4	101	-0.01
6 T	Chloroethane	50.000	53.005	-6.0	100	-0.01
7 T	Trichlorofluoromethane	50.000	52.568	-5.1	95	0.00
8 T	Diethyl Ether	50.000	51.801	-3.6	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.023	-6.0	99	-0.01
10 T	Methyl Iodide	50.000	54.995	-10.0	92	-0.01
11 T	Tert butyl alcohol	250.000	257.700	-3.1	95	-0.04
12 CM	1,1-Dichloroethene	50.000	53.357	-6.7#	96	-0.01
13 T	Acrolein	250.000	226.550	9.4	89	-0.01
14 T	Allyl chloride	50.000	53.880	-7.8	102	-0.01
15 T	Acrylonitrile	250.000	269.019	-7.6	99	-0.02
16 T	Acetone	250.000	279.517	-11.8	105	-0.02
17 T	Carbon Disulfide	50.000	58.119	-16.2	101	-0.01
18 T	Methyl Acetate	50.000	52.547	-5.1	100	-0.02
19 T	Methyl tert-butyl Ether	50.000	53.946	-7.9	98	-0.02
20 T	Methylene Chloride	50.000	52.907	-5.8	103	-0.02
21 T	trans-1,2-Dichloroethene	50.000	54.222	-8.4	100	-0.02
22 T	Diisopropyl ether	50.000	55.476	-11.0	102	-0.01
23 T	Vinyl Acetate	250.000	284.132	-13.7	100	-0.02
24 P	1,1-Dichloroethane	50.000	53.663	-7.3	102	-0.02
25 T	2-Butanone	250.000	287.386	-15.0	106	-0.02
26 T	2,2-Dichloropropane	50.000	53.627	-7.3	101	-0.02
27 T	cis-1,2-Dichloroethene	50.000	53.901	-7.8	99	-0.01
28 T	Bromochloromethane	50.000	48.571	2.9	100	-0.01
29 T	Tetrahydrofuran	250.000	287.242	-14.9	98	-0.01
30 C	Chloroform	50.000	53.447	-6.9#	101	-0.02
31 T	Cyclohexane	50.000	54.992	-10.0	102	-0.01
32 T	1,1,1-Trichloroethane	50.000	53.055	-6.1	99	-0.01
33 S	1,2-Dichloroethane-d4	50.000	49.757	0.5	99	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	-0.01
35 S	Dibromofluoromethane	50.000	51.237	-2.5	98	-0.01
36 T	1,1-Dichloropropene	50.000	55.935	-11.9	100	-0.01
37 T	Ethyl Acetate	50.000	55.402	-10.8	95	-0.02
38 T	Carbon Tetrachloride	50.000	53.439	-6.9	98	0.00
39 T	Methylcyclohexane	50.000	56.440	-12.9	97	-0.01
40 TM	Benzene	50.000	54.981	-10.0	100	-0.01
41 T	Methacrylonitrile	50.000	42.580	14.8	86	-0.01
42 TM	1,2-Dichloroethane	50.000	52.787	-5.6	96	-0.01
43 T	Isopropyl Acetate	50.000	55.066	-10.1	98	-0.01
44 TM	Trichloroethene	50.000	52.606	-5.2	97	0.00
45 C	1,2-Dichloropropane	50.000	53.253	-6.5#	99	0.00
46 T	Dibromomethane	50.000	52.729	-5.5	96	-0.01
47 T	Bromodichloromethane	50.000	51.742	-3.5	96	-0.01
48 T	Methyl methacrylate	50.000	55.576	-11.2	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1090.547	-9.1	94	-0.01
50 S	Toluene-d8	50.000	48.650	2.7	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.550	-9.8	95	0.00
52 CM	Toluene	50.000	53.347	-6.7#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	52.661	-5.3	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.190	-6.4	96	0.00
55 T	1,1,2-Trichloroethane	50.000	52.499	-5.0	95	0.00
56 T	Ethyl methacrylate	50.000	55.102	-10.2	94	0.00
57 T	1,3-Dichloropropane	50.000	52.543	-5.1	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	224.419	10.2	94	0.00
59 T	2-Hexanone	250.000	284.000	-13.6	96	0.00
60 T	Dibromochloromethane	50.000	51.777	-3.6	94	0.00
61 T	1,2-Dibromoethane	50.000	53.539	-7.1	95	0.00
62 S	4-Bromofluorobenzene	50.000	50.244	-0.5	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	52.239	-4.5	93	0.00
65 PM	Chlorobenzene	50.000	53.190	-6.4	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.599	-5.2	96	0.00
67 C	Ethyl Benzene	50.000	54.603	-9.2#	96	0.00
68 T	m/p-Xylenes	100.000	109.131	-9.1	96	0.00
69 T	o-Xylene	50.000	54.236	-8.5	96	0.00
70 T	Styrene	50.000	53.832	-7.7	95	0.00
71 P	Bromoform	50.000	51.858	-3.7	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	53.914	-7.8	95	0.00
74 T	N-amyl acetate	50.000	55.804	-11.6	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.283	-6.6	93	0.00
76 T	1,2,3-Trichloropropane	50.000	52.826	-5.7	112	0.00
77 T	Bromobenzene	50.000	51.810	-3.6	93	0.00
78 T	n-propylbenzene	50.000	54.415	-8.8	96	0.00
79 T	2-Chlorotoluene	50.000	53.248	-6.5	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.067	-8.1	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.687	-9.4	93	0.00
82 T	4-Chlorotoluene	50.000	53.468	-6.9	98	0.00
83 T	tert-Butylbenzene	50.000	53.860	-7.7	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.819	-7.6	94	0.00
85 T	sec-Butylbenzene	50.000	53.704	-7.4	95	0.00
86 T	p-Isopropyltoluene	50.000	54.466	-8.9	96	0.00
87 T	1,3-Dichlorobenzene	50.000	51.350	-2.7	93	0.00
88 T	1,4-Dichlorobenzene	50.000	51.553	-3.1	94	0.00
89 T	n-Butylbenzene	50.000	54.646	-9.3	97	0.00
90 T	Hexachloroethane	50.000	51.585	-3.2	96	0.00
91 T	1,2-Dichlorobenzene	50.000	51.460	-2.9	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.090	-4.2	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.258	-6.5	95	0.00
94 T	Hexachlorobutadiene	50.000	52.624	-5.2	97	0.00
95 T	Naphthalene	50.000	48.254	3.5	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.898	-5.8	94	0.00

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