

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101223\
 Data File : VY015946.D
 Acq On : 12 Oct 2023 20:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY101223

Quant Time: Oct 13 13:15:06 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	102	0.00
2 T	Dichlorodifluoromethane	50.000	54.935	-9.9	106	0.00
3 P	Chloromethane	50.000	47.977	4.0	103	0.00
4 C	Vinyl Chloride	50.000	54.384	-8.8#	108	0.00
5 T	Bromomethane	50.000	59.681	-19.4	112	0.00
6 T	Chloroethane	50.000	53.184	-6.4	100	0.00
7 T	Trichlorofluoromethane	50.000	50.978	-2.0	101	0.01
8 T	Diethyl Ether	50.000	52.722	-5.4	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.068	-6.1	108	0.00
10 T	Methyl Iodide	50.000	60.499	-21.0	113	0.00
11 T	Tert butyl alcohol	250.000	173.269	30.7#	97	0.00
12 CM	1,1-Dichloroethene	50.000	53.374	-6.7#	107	0.01
13 T	Acrolein	250.000	247.247	1.1	91	0.00
14 T	Allyl chloride	50.000	54.613	-9.2	107	0.01
15 T	Acrylonitrile	250.000	259.383	-3.8	101	0.00
16 T	Acetone	250.000	251.820	-0.7	86	0.00
17 T	Carbon Disulfide	50.000	53.268	-6.5	107	0.00
18 T	Methyl Acetate	50.000	50.437	-0.9	100	0.00
19 T	Methyl tert-butyl Ether	50.000	53.507	-7.0	104	0.00
20 T	Methylene Chloride	50.000	51.582	-3.2	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.286	-4.6	105	0.00
22 T	Diisopropyl ether	50.000	53.331	-6.7	106	0.00
23 T	Vinyl Acetate	250.000	274.566	-9.8	104	0.00
24 P	1,1-Dichloroethane	50.000	52.748	-5.5	107	0.01
25 T	2-Butanone	250.000	248.988	0.4	98	0.00
26 T	2,2-Dichloropropane	50.000	51.577	-3.2	105	0.01
27 T	cis-1,2-Dichloroethene	50.000	53.475	-7.0	106	0.00
28 T	Bromochloromethane	50.000	53.252	-6.5	107	0.00
29 T	Tetrahydrofuran	250.000	252.787	-1.1	99	0.00
30 C	Chloroform	50.000	52.834	-5.7#	106	0.00
31 T	Cyclohexane	50.000	50.844	-1.7	107	0.00
32 T	1,1,1-Trichloroethane	50.000	52.758	-5.5	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.585	0.8	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	50.601	-1.2	99	0.00
36 T	1,1-Dichloropropene	50.000	53.081	-6.2	107	0.00
37 T	Ethyl Acetate	50.000	53.595	-7.2	105	0.00
38 T	Carbon Tetrachloride	50.000	52.770	-5.5	107	0.00
39 T	Methylcyclohexane	50.000	53.575	-7.2	108	0.00
40 TM	Benzene	50.000	52.776	-5.6	106	0.00
41 T	Methacrylonitrile	50.000	52.491	-5.0	106	0.01
42 TM	1,2-Dichloroethane	50.000	51.733	-3.5	104	0.00
43 T	Isopropyl Acetate	50.000	52.286	-4.6	102	0.00
44 TM	Trichloroethene	50.000	51.722	-3.4	108	0.00
45 C	1,2-Dichloropropane	50.000	53.726	-7.5#	109	0.00
46 T	Dibromomethane	50.000	53.957	-7.9	105	0.00
47 T	Bromodichloromethane	50.000	54.047	-8.1	108	0.00
48 T	Methyl methacrylate	50.000	55.193	-10.4	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1030.857	-3.1	108	0.00
50 S	Toluene-d8	50.000	49.734	0.5	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.377	-8.2	105	0.00
52 CM	Toluene	50.000	52.696	-5.4#	106	0.00
53 T	t-1,3-Dichloropropene	50.000	54.168	-8.3	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.767	-7.5	106	0.00
55 T	1,1,2-Trichloroethane	50.000	53.239	-6.5	108	0.00
56 T	Ethyl methacrylate	50.000	55.507	-11.0	108	0.00
57 T	1,3-Dichloropropane	50.000	52.539	-5.1	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	205.510	17.8	102	0.00
59 T	2-Hexanone	250.000	261.018	-4.4	103	0.00
60 T	Dibromochloromethane	50.000	53.488	-7.0	105	0.00
61 T	1,2-Dibromoethane	50.000	51.942	-3.9	104	0.00
62 S	4-Bromofluorobenzene	50.000	49.940	0.1	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	49.728	0.5	106	0.00
65 PM	Chlorobenzene	50.000	52.605	-5.2	106	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.459	-6.9	108	0.00
67 C	Ethyl Benzene	50.000	52.887	-5.8#	106	0.00
68 T	m/p-Xylenes	100.000	106.866	-6.9	107	0.00
69 T	o-Xylene	50.000	53.702	-7.4	107	0.00
70 T	Styrene	50.000	54.188	-8.4	107	0.00
71 P	Bromoform	50.000	53.910	-7.8	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	53.326	-6.7	107	0.00
74 T	N-amyl acetate	50.000	55.479	-11.0	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.625	-7.2	106	0.00
76 T	1,2,3-Trichloropropane	50.000	52.198	-4.4	118	0.00
77 T	Bromobenzene	50.000	52.587	-5.2	105	0.00
78 T	n-propylbenzene	50.000	53.114	-6.2	106	0.00
79 T	2-Chlorotoluene	50.000	52.796	-5.6	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.715	-7.4	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.803	-9.6	105	0.00
82 T	4-Chlorotoluene	50.000	53.317	-6.6	107	0.00
83 T	tert-Butylbenzene	50.000	52.524	-5.0	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.929	-5.9	105	0.00
85 T	sec-Butylbenzene	50.000	52.837	-5.7	105	0.00
86 T	p-Isopropyltoluene	50.000	53.389	-6.8	105	0.00
87 T	1,3-Dichlorobenzene	50.000	52.630	-5.3	107	0.00
88 T	1,4-Dichlorobenzene	50.000	52.283	-4.6	105	0.00
89 T	n-Butylbenzene	50.000	52.799	-5.6	105	0.00
90 T	Hexachloroethane	50.000	52.634	-5.3	107	0.00
91 T	1,2-Dichlorobenzene	50.000	52.716	-5.4	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.340	-2.7	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.006	-6.0	106	0.00
94 T	Hexachlorobutadiene	50.000	51.288	-2.6	103	0.00
95 T	Naphthalene	50.000	53.338	-6.7	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.145	-4.3	106	0.00

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