

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012516.D
 Acq On : 07 Feb 2023 13:41
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY020723

Quant Time: Feb 08 09:07:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 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	107	0.00
2 T	Dichlorodifluoromethane	50.000	47.930	4.1	107	0.00
3 P	Chloromethane	50.000	46.414	7.2	112	0.00
4 C	Vinyl Chloride	50.000	46.482	7.0#	109	0.00
5 T	Bromomethane	50.000	52.043	-4.1	114	0.00
6 T	Chloroethane	50.000	45.796	8.4	107	0.00
7 T	Trichlorofluoromethane	50.000	46.486	7.0	107	0.00
8 T	Diethyl Ether	50.000	48.466	3.1	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.962	4.1	107	0.00
10 T	Methyl Iodide	50.000	45.728	8.5	96	0.00
11 T	Tert butyl alcohol	250.000	218.768	12.5	113	0.00
12 CM	1,1-Dichloroethene	50.000	47.679	4.6#	109	0.00
13 T	Acrolein	250.000	236.825	5.3	115	0.00
14 T	Allyl chloride	50.000	50.087	-0.2	112	0.00
15 T	Acrylonitrile	250.000	245.055	2.0	114	0.00
16 T	Acetone	250.000	264.294	-5.7	117	0.00
17 T	Carbon Disulfide	50.000	45.429	9.1	108	0.00
18 T	Methyl Acetate	50.000	46.797	6.4	118	0.00
19 T	Methyl tert-butyl Ether	50.000	49.550	0.9	111	0.00
20 T	Methylene Chloride	50.000	48.565	2.9	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.341	3.3	109	0.00
22 T	Diisopropyl ether	50.000	51.163	-2.3	111	0.00
23 T	Vinyl Acetate	250.000	259.310	-3.7	114	0.00
24 P	1,1-Dichloroethane	50.000	49.273	1.5	110	0.00
25 T	2-Butanone	250.000	251.742	-0.7	118	0.00
26 T	2,2-Dichloropropane	50.000	48.036	3.9	108	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.577	2.8	108	0.00
28 T	Bromochloromethane	50.000	54.629	-9.3	115	0.00
29 T	Tetrahydrofuran	250.000	248.621	0.6	117	0.00
30 C	Chloroform	50.000	47.701	4.6#	107	0.00
31 T	Cyclohexane	50.000	47.030	5.9	110	0.00
32 T	1,1,1-Trichloroethane	50.000	48.314	3.4	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.291	1.4	109	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35 S	Dibromofluoromethane	50.000	51.697	-3.4	109	0.00
36 T	1,1-Dichloropropene	50.000	47.443	5.1	106	0.00
37 T	Ethyl Acetate	50.000	48.727	2.5	115	0.00
38 T	Carbon Tetrachloride	50.000	47.625	4.8	106	0.00
39 T	Methylcyclohexane	50.000	48.667	2.7	107	0.00
40 TM	Benzene	50.000	48.481	3.0	108	0.00
41 T	Methacrylonitrile	50.000	56.680	-13.4	116	0.00
42 TM	1,2-Dichloroethane	50.000	47.498	5.0	107	0.00
43 T	Isopropyl Acetate	50.000	49.950	0.1	115	0.00
44 TM	Trichloroethene	50.000	47.748	4.5	107	0.00
45 C	1,2-Dichloropropane	50.000	49.941	0.1#	110	0.00
46 T	Dibromomethane	50.000	48.262	3.5	110	0.00
47 T	Bromodichloromethane	50.000	48.280	3.4	106	0.00
48 T	Methyl methacrylate	50.000	50.576	-1.2	117	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	976.626	2.3	114	0.00
50 S	Toluene-d8	50.000	51.340	-2.7	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.504	-1.0	116	0.00
52 CM	Toluene	50.000	48.023	4.0#	106	0.00
53 T	t-1,3-Dichloropropene	50.000	48.902	2.2	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.871	2.3	107	0.00
55 T	1,1,2-Trichloroethane	50.000	48.372	3.3	109	0.00
56 T	Ethyl methacrylate	50.000	51.073	-2.1	114	0.00
57 T	1,3-Dichloropropane	50.000	49.021	2.0	110	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	253.532	-1.4	113	0.00
59 T	2-Hexanone	250.000	256.552	-2.6	116	0.00
60 T	Dibromochloromethane	50.000	48.406	3.2	107	0.00
61 T	1,2-Dibromoethane	50.000	48.483	3.0	110	0.00
62 S	4-Bromofluorobenzene	50.000	49.738	0.5	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	48.894	2.2	102	0.00
65 PM	Chlorobenzene	50.000	48.823	2.4	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.400	1.2	108	0.00
67 C	Ethyl Benzene	50.000	49.707	0.6#	107	0.00
68 T	m/p-Xylenes	100.000	97.978	2.0	105	0.00
69 T	o-Xylene	50.000	49.583	0.8	105	0.00
70 T	Styrene	50.000	49.463	1.1	106	0.00
71 P	Bromoform	50.000	49.021	2.0	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	51.547	-3.1	107	0.00
74 T	N-amyl acetate	50.000	52.794	-5.6	114	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.381	-0.8	114	0.00
76 T	1,2,3-Trichloropropane	50.000	51.577	-3.2	117	0.00
77 T	Bromobenzene	50.000	49.941	0.1	107	0.00
78 T	n-propylbenzene	50.000	50.666	-1.3	105	0.00
79 T	2-Chlorotoluene	50.000	50.564	-1.1	107	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.698	-1.4	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.423	-2.8	113	0.00
82 T	4-Chlorotoluene	50.000	49.662	0.7	104	0.00
83 T	tert-Butylbenzene	50.000	52.526	-5.1	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.234	-2.5	105	0.00
85 T	sec-Butylbenzene	50.000	51.656	-3.3	107	0.00
86 T	p-Isopropyltoluene	50.000	51.644	-3.3	106	0.00
87 T	1,3-Dichlorobenzene	50.000	49.694	0.6	106	0.00
88 T	1,4-Dichlorobenzene	50.000	49.195	1.6	105	0.00
89 T	n-Butylbenzene	50.000	52.081	-4.2	106	0.00
90 T	Hexachloroethane	50.000	50.643	-1.3	107	0.00
91 T	1,2-Dichlorobenzene	50.000	49.774	0.5	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.840	0.3	115	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.165	-4.3	110	0.00
94 T	Hexachlorobutadiene	50.000	50.133	-0.3	107	0.00
95 T	Naphthalene	50.000	53.532	-7.1	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.907	-3.8	111	0.00

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