

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015074.D
 Acq On : 14 Aug 2023 12:39
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081423

Quant Time: Aug 14 15:37:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	53.509	-7.0	105	0.00
3 P	Chloromethane	50.000	55.021	-10.0	107	0.00
4 C	Vinyl Chloride	50.000	50.278	-0.6#	105	0.00
5 T	Bromomethane	50.000	50.104	-0.2	96	0.00
6 T	Chloroethane	50.000	49.725	0.5	100	0.00
7 T	Trichlorofluoromethane	50.000	50.309	-0.6	106	0.00
8 T	Diethyl Ether	50.000	51.379	-2.8	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.670	-1.3	106	0.00
10 T	Methyl Iodide	50.000	51.953	-3.9	98	0.00
11 T	Tert butyl alcohol	250.000	282.316	-12.9	113	0.02
12 CM	1,1-Dichloroethene	50.000	50.406	-0.8#	103	0.00
13 T	Acrolein	250.000	283.041	-13.2	122	0.00
14 T	Allyl chloride	50.000	49.895	0.2	100	0.00
15 T	Acrylonitrile	250.000	268.106	-7.2	108	0.00
16 T	Acetone	250.000	263.622	-5.4	102	0.00
17 T	Carbon Disulfide	50.000	52.226	-4.5	103	0.00
18 T	Methyl Acetate	50.000	52.501	-5.0	105	0.00
19 T	Methyl tert-butyl Ether	50.000	51.057	-2.1	103	0.00
20 T	Methylene Chloride	50.000	55.223	-10.4	107	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.540	-1.1	103	0.00
22 T	Diisopropyl ether	50.000	50.379	-0.8	102	0.00
23 T	Vinyl Acetate	250.000	262.469	-5.0	104	0.00
24 P	1,1-Dichloroethane	50.000	49.712	0.6	101	0.00
25 T	2-Butanone	250.000	265.775	-6.3	107	0.00
26 T	2,2-Dichloropropane	50.000	50.306	-0.6	106	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.850	0.3	102	0.00
28 T	Bromochloromethane	50.000	50.531	-1.1	104	0.00
29 T	Tetrahydrofuran	250.000	266.278	-6.5	107	0.00
30 C	Chloroform	50.000	49.356	1.3#	101	0.00
31 T	Cyclohexane	50.000	53.849	-7.7	105	0.00
32 T	1,1,1-Trichloroethane	50.000	50.500	-1.0	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.242	-6.5	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	54.856	-9.7	105	0.00
36 T	1,1-Dichloropropene	50.000	52.279	-4.6	104	0.00
37 T	Ethyl Acetate	50.000	54.393	-8.8	110	0.00
38 T	Carbon Tetrachloride	50.000	51.601	-3.2	103	0.00
39 T	Methylcyclohexane	50.000	52.467	-4.9	104	0.00
40 TM	Benzene	50.000	51.367	-2.7	102	0.00
41 T	Methacrylonitrile	50.000	57.593	-15.2	107	0.00
42 TM	1,2-Dichloroethane	50.000	51.938	-3.9	102	0.00
43 T	Isopropyl Acetate	50.000	53.288	-6.6	105	0.00
44 TM	Trichloroethene	50.000	51.645	-3.3	103	0.00
45 C	1,2-Dichloropropane	50.000	51.256	-2.5#	102	0.00
46 T	Dibromomethane	50.000	52.326	-4.7	102	0.00
47 T	Bromodichloromethane	50.000	51.596	-3.2	101	0.00
48 T	Methyl methacrylate	50.000	54.398	-8.8	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1059.620	-6.0	102	0.00
50 S	Toluene-d8	50.000	54.295	-8.6	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.903	-10.0	107	0.00
52 CM	Toluene	50.000	51.490	-3.0#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	52.022	-4.0	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.702	-3.4	102	0.00
55 T	1,1,2-Trichloroethane	50.000	51.750	-3.5	103	0.00
56 T	Ethyl methacrylate	50.000	54.023	-8.0	104	0.00
57 T	1,3-Dichloropropane	50.000	52.221	-4.4	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	244.275	2.3	99	0.00
59 T	2-Hexanone	250.000	281.074	-12.4	109	0.00
60 T	Dibromochloromethane	50.000	52.449	-4.9	102	0.00
61 T	1,2-Dibromoethane	50.000	51.903	-3.8	102	0.00
62 S	4-Bromofluorobenzene	50.000	53.906	-7.8	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	51.234	-2.5	102	0.00
65 PM	Chlorobenzene	50.000	50.751	-1.5	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.444	-2.9	102	0.00
67 C	Ethyl Benzene	50.000	51.105	-2.2#	102	0.00
68 T	m/p-Xylenes	100.000	101.510	-1.5	101	0.00
69 T	o-Xylene	50.000	51.118	-2.2	102	0.00
70 T	Styrene	50.000	51.258	-2.5	101	0.00
71 P	Bromoform	50.000	52.446	-4.9	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	50.137	-0.3	102	0.00
74 T	N-amyl acetate	50.000	53.591	-7.2	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.625	-5.3	104	0.00
76 T	1,2,3-Trichloropropane	50.000	51.532	-3.1	106	0.00
77 T	Bromobenzene	50.000	50.020	-0.0	102	0.00
78 T	n-propylbenzene	50.000	50.319	-0.6	103	0.00
79 T	2-Chlorotoluene	50.000	50.299	-0.6	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.820	-1.6	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.069	-8.1	104	0.00
82 T	4-Chlorotoluene	50.000	50.243	-0.5	101	0.00
83 T	tert-Butylbenzene	50.000	51.338	-2.7	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.217	-2.4	102	0.00
85 T	sec-Butylbenzene	50.000	51.633	-3.3	104	0.00
86 T	p-Isopropyltoluene	50.000	51.803	-3.6	104	0.00
87 T	1,3-Dichlorobenzene	50.000	50.289	-0.6	101	0.00
88 T	1,4-Dichlorobenzene	50.000	50.336	-0.7	101	0.00
89 T	n-Butylbenzene	50.000	51.698	-3.4	103	0.00
90 T	Hexachloroethane	50.000	50.400	-0.8	103	0.00
91 T	1,2-Dichlorobenzene	50.000	51.289	-2.6	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.306	-10.6	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.827	-3.7	104	0.00
94 T	Hexachlorobutadiene	50.000	51.488	-3.0	106	0.00
95 T	Naphthalene	50.000	53.702	-7.4	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.206	-6.4	107	0.00

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