

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
 Data File : VY015636.D
 Acq On : 19 Sep 2023 09:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 19 11:22:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 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	81	0.00
2 T	Dichlorodifluoromethane	50.000	42.196	15.6	65	0.00
3 P	Chloromethane	50.000	50.506	-1.0	77	0.00
4 C	Vinyl Chloride	50.000	49.141	1.7#	75	0.01
5 T	Bromomethane	50.000	55.689	-11.4	86	0.01
6 T	Chloroethane	50.000	54.248	-8.5	84	0.00
7 T	Trichlorofluoromethane	50.000	53.578	-7.2	83	0.01
8 T	Diethyl Ether	50.000	63.326	-26.7#	95	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.967	-13.9	88	0.00
10 T	Methyl Iodide	50.000	57.111	-14.2	83	0.01
11 T	Tert butyl alcohol	250.000	337.569	-35.0#	104	0.02
12 CM	1,1-Dichloroethene	50.000	58.235	-16.5#	90	0.01
13 T	Acrolein	250.000	207.090	17.2	56	0.01
14 T	Allyl chloride	50.000	64.068	-28.1#	97	0.00
15 T	Acrylonitrile	250.000	341.305	-36.5#	99	0.00
16 T	Acetone	250.000	422.724	-69.1#	110	0.01
17 T	Carbon Disulfide	50.000	55.796	-11.6	86	0.00
18 T	Methyl Acetate	50.000	66.742	-33.5#	97	0.01
19 T	Methyl tert-butyl Ether	50.000	62.773	-25.5#	93	0.02
20 T	Methylene Chloride	50.000	60.058	-20.1	93	0.01
21 T	trans-1,2-Dichloroethene	50.000	60.199	-20.4	93	0.01
22 T	Diisopropyl ether	50.000	65.697	-31.4#	100	0.01
23 T	Vinyl Acetate	250.000	334.893	-34.0#	99	0.01
24 P	1,1-Dichloroethane	50.000	62.982	-26.0#	99	0.02
25 T	2-Butanone	250.000	388.469	-55.4#	107	0.01
26 T	2,2-Dichloropropane	50.000	66.929	-33.9#	104	0.01
27 T	cis-1,2-Dichloroethene	50.000	63.386	-26.8#	97	0.01
28 T	Bromochloromethane	50.000	55.366	-10.7	89	0.01
29 T	Tetrahydrofuran	250.000	341.234	-36.5#	98	0.00
30 C	Chloroform	50.000	63.196	-26.4#	98	0.01
31 T	Cyclohexane	50.000	54.218	-8.4	88	0.00
32 T	1,1,1-Trichloroethane	50.000	60.787	-21.6	94	0.01
33 S	1,2-Dichloroethane-d4	50.000	49.465	1.1	80	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	54.382	-8.8	87	0.00
36 T	1,1-Dichloropropene	50.000	59.426	-18.9	94	0.00
37 T	Ethyl Acetate	50.000	66.878	-33.8#	98	0.02
38 T	Carbon Tetrachloride	50.000	59.354	-18.7	93	0.00
39 T	Methylcyclohexane	50.000	55.922	-11.8	87	0.00
40 TM	Benzene	50.000	61.568	-23.1	96	0.01
41 T	Methacrylonitrile	50.000	195.352	-290.7#	284	0.04
42 TM	1,2-Dichloroethane	50.000	59.761	-19.5	91	0.00
43 T	Isopropyl Acetate	50.000	65.846	-31.7#	97	0.01
44 TM	Trichloroethene	50.000	60.776	-21.6	96	0.00
45 C	1,2-Dichloropropane	50.000	65.230	-30.5#	101	0.00
46 T	Dibromomethane	50.000	63.808	-27.6#	98	0.01
47 T	Bromodichloromethane	50.000	63.973	-27.9#	98	0.01
48 T	Methyl methacrylate	50.000	64.419	-28.8#	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1285.183	-28.5#	94	0.02
50 S	Toluene-d8	50.000	48.554	2.9	79	0.00
51 T	4-Methyl-2-Pentanone	250.000	344.862	-37.9#	99	0.00
52 CM	Toluene	50.000	61.630	-23.3#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	65.406	-30.8#	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	65.576	-31.2#	100	0.00
55 T	1,1,2-Trichloroethane	50.000	64.670	-29.3#	98	0.00
56 T	Ethyl methacrylate	50.000	67.390	-34.8#	98	0.00
57 T	1,3-Dichloropropane	50.000	64.975	-29.9#	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	199.357	20.3	63	0.01
59 T	2-Hexanone	250.000	369.675	-47.9#	103	0.00
60 T	Dibromochloromethane	50.000	65.249	-30.5#	98	0.00
61 T	1,2-Dibromoethane	50.000	65.032	-30.1#	98	0.00
62 S	4-Bromofluorobenzene	50.000	51.547	-3.1	83	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	61.517	-23.0	95	0.00
65 PM	Chlorobenzene	50.000	61.212	-22.4	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	64.560	-29.1#	100	0.00
67 C	Ethyl Benzene	50.000	61.883	-23.8#	97	0.00
68 T	m/p-Xylenes	100.000	122.509	-22.5	95	0.00
69 T	o-Xylene	50.000	61.849	-23.7	96	0.00
70 T	Styrene	50.000	63.613	-27.2#	96	0.00
71 P	Bromoform	50.000	67.273	-34.5#	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	50.000	61.203	-22.4	95	0.00
74 T	N-amyl acetate	50.000	66.105	-32.2#	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	66.252	-32.5#	99	0.00
76 T	1,2,3-Trichloropropane	50.000	119.142	-138.3#	175	0.00
77 T	Bromobenzene	50.000	61.747	-23.5	96	0.00
78 T	n-propylbenzene	50.000	61.644	-23.3	94	0.00
79 T	2-Chlorotoluene	50.000	61.673	-23.3	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	61.317	-22.6	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	71.333	-42.7#	105	0.00
82 T	4-Chlorotoluene	50.000	61.039	-22.1	94	0.00
83 T	tert-Butylbenzene	50.000	60.843	-21.7	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	61.829	-23.7	94	0.00
85 T	sec-Butylbenzene	50.000	60.091	-20.2	92	0.00
86 T	p-Isopropyltoluene	50.000	60.485	-21.0	92	0.00
87 T	1,3-Dichlorobenzene	50.000	61.301	-22.6	94	0.00
88 T	1,4-Dichlorobenzene	50.000	60.328	-20.7	94	0.00
89 T	n-Butylbenzene	50.000	60.039	-20.1	92	0.00
90 T	Hexachloroethane	50.000	62.415	-24.8	96	0.00
91 T	1,2-Dichlorobenzene	50.000	61.016	-22.0	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	63.100	-26.2#	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.847	-15.7	87	0.00
94 T	Hexachlorobutadiene	50.000	54.355	-8.7	86	0.00
95 T	Naphthalene	50.000	60.715	-21.4	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.361	-14.7	87	0.00

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