

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015119.D
 Acq On : 15 Aug 2023 21:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 16 01:33:56 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	50.726	-1.5	87	0.00
3 P	Chloromethane	50.000	53.075	-6.2	90	0.00
4 C	Vinyl Chloride	50.000	50.064	-0.1#	91	0.00
5 T	Bromomethane	50.000	57.365	-14.7	93	0.00
6 T	Chloroethane	50.000	52.795	-5.6	92	0.00
7 T	Trichlorofluoromethane	50.000	50.003	-0.0	91	0.00
8 T	Diethyl Ether	50.000	50.883	-1.8	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.930	0.1	90	0.00
10 T	Methyl Iodide	50.000	50.936	-1.9	84	0.00
11 T	Tert butyl alcohol	250.000	242.964	2.8	85	0.02
12 CM	1,1-Dichloroethene	50.000	49.205	1.6#	87	0.00
13 T	Acrolein	250.000	241.945	3.2	92	0.00
14 T	Allyl chloride	50.000	46.633	6.7	81	0.00
15 T	Acrylonitrile	250.000	269.848	-7.9	94	0.00
16 T	Acetone	250.000	207.706	16.9	70	0.00
17 T	Carbon Disulfide	50.000	48.060	3.9	82	0.00
18 T	Methyl Acetate	50.000	59.228	-18.5	103	0.01
19 T	Methyl tert-butyl Ether	50.000	51.621	-3.2	90	0.01
20 T	Methylene Chloride	50.000	54.398	-8.8	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.973	0.1	88	0.00
22 T	Diisopropyl ether	50.000	48.918	2.2	86	0.01
23 T	Vinyl Acetate	250.000	239.686	4.1	82	0.00
24 P	1,1-Dichloroethane	50.000	49.861	0.3	88	0.01
25 T	2-Butanone	250.000	249.643	0.1	87	0.01
26 T	2,2-Dichloropropane	50.000	40.363	19.3	74	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.346	-0.7	89	0.00
28 T	Bromochloromethane	50.000	49.464	1.1	88	0.00
29 T	Tetrahydrofuran	250.000	267.520	-7.0	93	0.00
30 C	Chloroform	50.000	51.019	-2.0#	90	0.00
31 T	Cyclohexane	50.000	49.793	0.4	84	0.01
32 T	1,1,1-Trichloroethane	50.000	50.383	-0.8	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.162	-4.3	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	53.483	-7.0	89	0.00
36 T	1,1-Dichloropropene	50.000	50.092	-0.2	86	0.00
37 T	Ethyl Acetate	50.000	51.576	-3.2	90	0.00
38 T	Carbon Tetrachloride	50.000	52.139	-4.3	90	0.00
39 T	Methylcyclohexane	50.000	50.347	-0.7	87	0.00
40 TM	Benzene	50.000	51.646	-3.3	89	0.00
41 T	Methacrylonitrile	50.000	50.813	-1.6	82	0.00
42 TM	1,2-Dichloroethane	50.000	53.572	-7.1	91	0.00
43 T	Isopropyl Acetate	50.000	51.759	-3.5	89	0.00
44 TM	Trichloroethene	50.000	52.679	-5.4	91	0.00
45 C	1,2-Dichloropropane	50.000	51.146	-2.3#	88	0.00
46 T	Dibromomethane	50.000	54.670	-9.3	92	0.00
47 T	Bromodichloromethane	50.000	53.484	-7.0	91	0.00
48 T	Methyl methacrylate	50.000	54.148	-8.3	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1075.143	-7.5	90	0.00
50 S	Toluene-d8	50.000	52.184	-4.4	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	280.818	-12.3	95	0.00
52 CM	Toluene	50.000	51.825	-3.7#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	50.297	-0.6	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.556	-1.1	86	0.00
55 T	1,1,2-Trichloroethane	50.000	53.880	-7.8	93	0.00
56 T	Ethyl methacrylate	50.000	53.819	-7.6	90	0.00
57 T	1,3-Dichloropropane	50.000	53.421	-6.8	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.971	-4.0	91	0.00
59 T	2-Hexanone	250.000	279.109	-11.6	94	0.00
60 T	Dibromochloromethane	50.000	54.941	-9.9	93	0.00
61 T	1,2-Dibromoethane	50.000	54.220	-8.4	93	0.00
62 S	4-Bromofluorobenzene	50.000	52.996	-6.0	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	56.215	-12.4	99	0.00
65 PM	Chlorobenzene	50.000	51.193	-2.4	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.114	-6.2	93	0.00
67 C	Ethyl Benzene	50.000	50.777	-1.6#	90	0.00
68 T	m/p-Xylenes	100.000	101.277	-1.3	89	0.00
69 T	o-Xylene	50.000	51.751	-3.5	91	0.00
70 T	Styrene	50.000	52.118	-4.2	91	0.00
71 P	Bromoform	50.000	53.877	-7.8	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	50.221	-0.4	91	0.00
74 T	N-amyl acetate	50.000	50.035	-0.1	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.788	-5.6	94	0.00
76 T	1,2,3-Trichloropropane	50.000	57.329	-14.7	105	0.00
77 T	Bromobenzene	50.000	51.236	-2.5	93	0.00
78 T	n-propylbenzene	50.000	49.813	0.4	91	0.00
79 T	2-Chlorotoluene	50.000	50.191	-0.4	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.581	-1.2	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.493	1.0	85	0.00
82 T	4-Chlorotoluene	50.000	50.682	-1.4	91	0.00
83 T	tert-Butylbenzene	50.000	50.288	-0.6	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.591	-1.2	90	0.00
85 T	sec-Butylbenzene	50.000	50.829	-1.7	92	0.00
86 T	p-Isopropyltoluene	50.000	50.760	-1.5	91	0.00
87 T	1,3-Dichlorobenzene	50.000	50.880	-1.8	92	0.00
88 T	1,4-Dichlorobenzene	50.000	51.218	-2.4	92	0.00
89 T	n-Butylbenzene	50.000	50.049	-0.1	89	0.00
90 T	Hexachloroethane	50.000	51.053	-2.1	93	0.00
91 T	1,2-Dichlorobenzene	50.000	51.791	-3.6	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.453	-12.9	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.664	-3.3	92	0.00
94 T	Hexachlorobutadiene	50.000	50.914	-1.8	94	0.00
95 T	Naphthalene	50.000	54.723	-9.4	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.187	-8.4	98	0.00

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