

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014249.D
 Acq On : 19 Jun 2023 23:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 20 05:04:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 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	85	0.00
2 T	Dichlorodifluoromethane	50.000	47.292	5.4	82	0.00
3 P	Chloromethane	50.000	44.205	11.6	79	0.00
4 C	Vinyl Chloride	50.000	46.921	6.2#	82	0.00
5 T	Bromomethane	50.000	43.610	12.8	84	-0.02
6 T	Chloroethane	50.000	45.683	8.6	84	0.00
7 T	Trichlorofluoromethane	50.000	52.765	-5.5	92	0.00
8 T	Diethyl Ether	50.000	47.238	5.5	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.376	-4.8	88	0.00
10 T	Methyl Iodide	50.000	42.143	15.7	70	0.00
11 T	Tert butyl alcohol	250.000	241.556	3.4	90	0.00
12 CM	1,1-Dichloroethene	50.000	47.919	4.2#	84	0.00
13 T	Acrolein	250.000	215.998	13.6	73	0.00
14 T	Allyl chloride	50.000	47.035	5.9	81	0.00
15 T	Acrylonitrile	250.000	270.516	-8.2	96	0.00
16 T	Acetone	250.000	210.177	15.9	84	0.00
17 T	Carbon Disulfide	50.000	45.956	8.1	81	0.00
18 T	Methyl Acetate	50.000	55.366	-10.7	104	0.00
19 T	Methyl tert-butyl Ether	50.000	51.207	-2.4	86	0.00
20 T	Methylene Chloride	50.000	56.911	-13.8	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.570	-1.1	86	0.00
22 T	Diisopropyl ether	50.000	52.693	-5.4	89	0.00
23 T	Vinyl Acetate	250.000	256.105	-2.4	88	0.00
24 P	1,1-Dichloroethane	50.000	50.874	-1.7	89	0.00
25 T	2-Butanone	250.000	277.382	-11.0	105	0.00
26 T	2,2-Dichloropropane	50.000	46.226	7.5	81	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.864	-3.7	91	0.00
28 T	Bromochloromethane	50.000	49.301	1.4	91	0.00
29 T	Tetrahydrofuran	250.000	286.406	-14.6	105	0.00
30 C	Chloroform	50.000	52.918	-5.8#	92	0.00
31 T	Cyclohexane	50.000	52.112	-4.2	92	0.00
32 T	1,1,1-Trichloroethane	50.000	52.557	-5.1	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.339	3.3	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	55.246	-10.5	97	0.00
36 T	1,1-Dichloropropene	50.000	54.458	-8.9	92	0.00
37 T	Ethyl Acetate	50.000	53.457	-6.9	92	0.00
38 T	Carbon Tetrachloride	50.000	55.969	-11.9	93	0.00
39 T	Methylcyclohexane	50.000	58.243	-16.5	94	0.00
40 TM	Benzene	50.000	53.779	-7.6	92	0.00
41 T	Methacrylonitrile	50.000	66.885	-33.8#	130	0.02
42 TM	1,2-Dichloroethane	50.000	53.507	-7.0	93	0.00
43 T	Isopropyl Acetate	50.000	54.489	-9.0	94	0.00
44 TM	Trichloroethene	50.000	53.627	-7.3	90	0.00
45 C	1,2-Dichloropropane	50.000	53.184	-6.4#	91	0.00
46 T	Dibromomethane	50.000	53.640	-7.3	93	0.00
47 T	Bromodichloromethane	50.000	54.176	-8.4	92	0.00
48 T	Methyl methacrylate	50.000	55.747	-11.5	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1190.134	-19.0	100	-0.01
50 S	Toluene-d8	50.000	49.344	1.3	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	293.361	-17.3	102	0.00
52 CM	Toluene	50.000	55.232	-10.5#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	53.357	-6.7	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.018	-4.0	89	0.00
55 T	1,1,2-Trichloroethane	50.000	55.380	-10.8	95	0.00
56 T	Ethyl methacrylate	50.000	55.831	-11.7	91	0.00
57 T	1,3-Dichloropropane	50.000	54.828	-9.7	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	301.994	-20.8	107	0.00
59 T	2-Hexanone	250.000	288.686	-15.5	101	0.00
60 T	Dibromochloromethane	50.000	55.927	-11.9	96	0.00
61 T	1,2-Dibromoethane	50.000	54.524	-9.0	94	0.00
62 S	4-Bromofluorobenzene	50.000	57.781	-15.6	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	61.210	-22.4	111	0.00
65 PM	Chlorobenzene	50.000	51.123	-2.2	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.514	-5.0	94	0.00
67 C	Ethyl Benzene	50.000	53.800	-7.6#	94	0.00
68 T	m/p-Xylenes	100.000	107.257	-7.3	94	0.00
69 T	o-Xylene	50.000	54.358	-8.7	95	0.00
70 T	Styrene	50.000	55.108	-10.2	97	0.00
71 P	Bromoform	50.000	54.941	-9.9	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	51.319	-2.6	95	0.00
74 T	N-ethyl acetate	50.000	49.851	0.3	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.273	-0.5	100	0.00
76 T	1,2,3-Trichloropropane	50.000	53.708	-7.4	99	0.00
77 T	Bromobenzene	50.000	49.364	1.3	95	0.00
78 T	n-propylbenzene	50.000	52.026	-4.1	97	0.00
79 T	2-Chlorotoluene	50.000	50.679	-1.4	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.855	-3.7	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.679	6.6	89	0.00
82 T	4-Chlorotoluene	50.000	50.322	-0.6	96	0.00
83 T	tert-Butylbenzene	50.000	51.412	-2.8	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.772	-5.5	99	0.00
85 T	sec-Butylbenzene	50.000	53.659	-7.3	99	0.00
86 T	p-Isopropyltoluene	50.000	52.596	-5.2	98	0.00
87 T	1,3-Dichlorobenzene	50.000	50.504	-1.0	98	0.00
88 T	1,4-Dichlorobenzene	50.000	50.223	-0.4	98	0.00
89 T	n-Butylbenzene	50.000	53.866	-7.7	101	0.00
90 T	Hexachloroethane	50.000	52.097	-4.2	101	0.00
91 T	1,2-Dichlorobenzene	50.000	51.435	-2.9	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.411	-2.8	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.352	-0.7	98	0.00
94 T	Hexachlorobutadiene	50.000	54.517	-9.0	104	0.00
95 T	Naphthalene	50.000	52.259	-4.5	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.769	-3.5	104	0.00

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