

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014374.D
 Acq On : 22 Jun 2023 12:41
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 22 17:18:25 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	48.336	3.3	98	0.00
3 P	Chloromethane	50.000	40.217	19.6	84	0.00
4 C	Vinyl Chloride	50.000	45.367	9.3#	92	0.00
5 T	Bromomethane	50.000	48.797	2.4	110	0.00
6 T	Chloroethane	50.000	43.288	13.4	92	0.00
7 T	Trichlorofluoromethane	50.000	52.471	-4.9	106	0.00
8 T	Diethyl Ether	50.000	49.540	0.9	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.779	-5.6	103	0.00
10 T	Methyl Iodide	50.000	37.316	25.4#	72	0.00
11 T	Tert butyl alcohol	250.000	306.819	-22.7	130	0.00
12 CM	1,1-Dichloroethene	50.000	49.942	0.1#	101	0.00
13 T	Acrolein	250.000	254.054	-1.6	98	0.01
14 T	Allyl chloride	50.000	47.866	4.3	96	0.00
15 T	Acrylonitrile	250.000	298.435	-19.4	123	0.00
16 T	Acetone	250.000	313.568	-25.4#	145	0.00
17 T	Carbon Disulfide	50.000	44.817	10.4	92	0.00
18 T	Methyl Acetate	50.000	54.713	-9.4	119	0.00
19 T	Methyl tert-butyl Ether	50.000	54.789	-9.6	107	0.00
20 T	Methylene Chloride	50.000	52.927	-5.9	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.036	-0.1	99	0.00
22 T	Diisopropyl ether	50.000	52.080	-4.2	103	0.00
23 T	Vinyl Acetate	250.000	274.780	-9.9	109	0.00
24 P	1,1-Dichloroethane	50.000	49.971	0.1	101	0.01
25 T	2-Butanone	250.000	323.562	-29.4#	142	0.00
26 T	2,2-Dichloropropane	50.000	52.893	-5.8	108	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.511	-3.0	105	0.00
28 T	Bromochloromethane	50.000	42.048	15.9	90	0.00
29 T	Tetrahydrofuran	250.000	312.807	-25.1#	134	0.00
30 C	Chloroform	50.000	52.173	-4.3#	105	0.00
31 T	Cyclohexane	50.000	50.075	-0.2	103	0.00
32 T	1,1,1-Trichloroethane	50.000	53.563	-7.1	108	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.968	12.1	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	48.936	2.1	97	0.01
36 T	1,1-Dichloropropene	50.000	55.008	-10.0	105	0.00
37 T	Ethyl Acetate	50.000	58.935	-17.9	116	0.00
38 T	Carbon Tetrachloride	50.000	57.685	-15.4	109	0.01
39 T	Methylcyclohexane	50.000	57.619	-15.2	106	0.00
40 TM	Benzene	50.000	53.341	-6.7	103	0.00
41 T	Methacrylonitrile	50.000	57.905	-15.8	128	0.01
42 TM	1,2-Dichloroethane	50.000	54.635	-9.3	108	0.00
43 T	Isopropyl Acetate	50.000	59.820	-19.6	117	0.00
44 TM	Trichloroethene	50.000	55.432	-10.9	105	0.00
45 C	1,2-Dichloropropane	50.000	52.958	-5.9#	102	0.00
46 T	Dibromomethane	50.000	54.918	-9.8	108	0.00
47 T	Bromodichloromethane	50.000	54.636	-9.3	105	0.00
48 T	Methyl methacrylate	50.000	59.635	-19.3	116	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

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

49 T	1,4-Dioxane	1000.000	1367.148	-36.7#	130	-0.01
50 S	Toluene-d8	50.000	44.546	10.9	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	325.166	-30.1#	128	0.00
52 CM	Toluene	50.000	55.346	-10.7#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	57.424	-14.8	110	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.176	-8.4	105	0.00
55 T	1,1,2-Trichloroethane	50.000	57.013	-14.0	111	0.00
56 T	Ethyl methacrylate	50.000	61.548	-23.1	114	0.00
57 T	1,3-Dichloropropane	50.000	56.321	-12.6	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.257	-8.5	108	0.00
59 T	2-Hexanone	250.000	338.800	-35.5#	135	0.00
60 T	Dibromochloromethane	50.000	58.538	-17.1	114	0.00
61 T	1,2-Dibromoethane	50.000	58.082	-16.2	114	0.00
62 S	4-Bromofluorobenzene	50.000	52.138	-4.3	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	61.938	-23.9	124	0.00
65 PM	Chlorobenzene	50.000	53.268	-6.5	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.807	-9.6	108	0.00
67 C	Ethyl Benzene	50.000	55.545	-11.1#	108	0.00
68 T	m/p-Xylenes	100.000	112.320	-12.3	109	0.00
69 T	o-Xylene	50.000	56.634	-13.3	110	0.00
70 T	Styrene	50.000	57.417	-14.8	111	0.00
71 P	Bromoform	50.000	60.192	-20.4	121	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
73 T	Isopropylbenzene	50.000	53.217	-6.4	112	0.00
74 T	N-amyl acetate	50.000	56.762	-13.5	123	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.906	-7.8	121	0.00
76 T	1,2,3-Trichloropropane	50.000	56.869	-13.7	119	0.00
77 T	Bromobenzene	50.000	50.764	-1.5	110	0.00
78 T	n-propylbenzene	50.000	53.222	-6.4	112	0.00
79 T	2-Chlorotoluene	50.000	52.197	-4.4	113	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.053	-6.1	112	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.586	-13.2	122	0.00
82 T	4-Chlorotoluene	50.000	51.944	-3.9	112	0.00
83 T	tert-Butylbenzene	50.000	53.458	-6.9	113	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.716	-7.4	114	0.00
85 T	sec-Butylbenzene	50.000	54.389	-8.8	114	0.00
86 T	p-Isopropyltoluene	50.000	54.271	-8.5	114	0.00
87 T	1,3-Dichlorobenzene	50.000	52.159	-4.3	114	0.00
88 T	1,4-Dichlorobenzene	50.000	51.157	-2.3	113	0.00
89 T	n-Butylbenzene	50.000	55.166	-10.3	117	0.00
90 T	Hexachloroethane	50.000	53.450	-6.9	117	0.00
91 T	1,2-Dichlorobenzene	50.000	52.778	-5.6	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.703	-17.4	142	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.862	-9.7	121	0.00
94 T	Hexachlorobutadiene	50.000	56.321	-12.6	122	0.00
95 T	Naphthalene	50.000	58.885	-17.8	131	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.719	-9.4	124	0.00

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