

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015664.D
 Acq On : 20 Sep 2023 17:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 21 03:44:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 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	57.585	-15.2	86	0.00
3 P	Chloromethane	50.000	58.529	-17.1	88	0.00
4 C	Vinyl Chloride	50.000	59.249	-18.5#	88	0.00
5 T	Bromomethane	50.000	56.953	-13.9	90	0.00
6 T	Chloroethane	50.000	59.109	-18.2	89	0.00
7 T	Trichlorofluoromethane	50.000	57.411	-14.8	89	0.00
8 T	Diethyl Ether	50.000	59.554	-19.1	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	57.483	-15.0	89	0.00
10 T	Methyl Iodide	50.000	48.687	2.6	76	0.00
11 T	Tert butyl alcohol	250.000	320.456	-28.2#	110	0.01
12 CM	1,1-Dichloroethene	50.000	58.006	-16.0#	90	0.00
13 T	Acrolein	250.000	268.158	-7.3	86	0.00
14 T	Allyl chloride	50.000	59.056	-18.1	90	0.00
15 T	Acrylonitrile	250.000	307.888	-23.2	99	0.00
16 T	Acetone	250.000	265.369	-6.1	89	0.00
17 T	Carbon Disulfide	50.000	59.161	-18.3	86	0.00
18 T	Methyl Acetate	50.000	63.230	-26.5#	101	0.00
19 T	Methyl tert-butyl Ether	50.000	59.640	-19.3	92	0.00
20 T	Methylene Chloride	50.000	59.617	-19.2	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	59.058	-18.1	88	0.00
22 T	Diisopropyl ether	50.000	58.747	-17.5	89	0.00
23 T	Vinyl Acetate	250.000	298.922	-19.6	92	0.00
24 P	1,1-Dichloroethane	50.000	57.545	-15.1	89	0.00
25 T	2-Butanone	250.000	289.494	-15.8	99	0.00
26 T	2,2-Dichloropropane	50.000	54.301	-8.6	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	57.841	-15.7	89	0.00
28 T	Bromochloromethane	50.000	56.927	-13.9	90	0.00
29 T	Tetrahydrofuran	250.000	316.115	-26.4#	102	0.00
30 C	Chloroform	50.000	57.704	-15.4#	90	0.00
31 T	Cyclohexane	50.000	54.220	-8.4	87	0.00
32 T	1,1,1-Trichloroethane	50.000	58.233	-16.5	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.115	-4.2	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	53.031	-6.1	92	0.00
36 T	1,1-Dichloropropene	50.000	56.407	-12.8	89	0.00
37 T	Ethyl Acetate	50.000	60.337	-20.7	100	0.01
38 T	Carbon Tetrachloride	50.000	56.944	-13.9	90	0.00
39 T	Methylcyclohexane	50.000	55.752	-11.5	87	0.00
40 TM	Benzene	50.000	56.977	-14.0	89	0.00
41 T	Methacrylonitrile	50.000	58.108	-16.2	107	0.00
42 TM	1,2-Dichloroethane	50.000	56.846	-13.7	90	0.00
43 T	Isopropyl Acetate	50.000	59.964	-19.9	97	0.00
44 TM	Trichloroethene	50.000	56.825	-13.7	89	0.00
45 C	1,2-Dichloropropane	50.000	58.191	-16.4#	91	0.00
46 T	Dibromomethane	50.000	58.625	-17.3	92	0.01
47 T	Bromodichloromethane	50.000	57.327	-14.7	90	0.00
48 T	Methyl methacrylate	50.000	60.799	-21.6	97	0.00

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

49 T	1,4-Dioxane	1000.000	1300.721	-30.1#	110	0.01
50 S	Toluene-d8	50.000	49.484	1.0	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	305.395	-22.2	99	0.00
52 CM	Toluene	50.000	56.540	-13.1#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	57.827	-15.7	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.414	-14.8	90	0.00
55 T	1,1,2-Trichloroethane	50.000	59.135	-18.3	94	0.00
56 T	Ethyl methacrylate	50.000	60.516	-21.0	94	0.00
57 T	1,3-Dichloropropane	50.000	58.198	-16.4	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	294.306	-17.7	100	0.00
59 T	2-Hexanone	250.000	300.796	-20.3	99	0.00
60 T	Dibromochloromethane	50.000	58.124	-16.2	92	0.00
61 T	1,2-Dibromoethane	50.000	57.946	-15.9	94	0.00
62 S	4-Bromofluorobenzene	50.000	51.137	-2.3	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	58.485	-17.0	93	0.00
65 PM	Chlorobenzene	50.000	55.925	-11.8	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.999	-14.0	90	0.00
67 C	Ethyl Benzene	50.000	56.273	-12.5#	88	0.00
68 T	m/p-Xylenes	100.000	112.938	-12.9	89	0.00
69 T	o-Xylene	50.000	56.530	-13.1	88	0.00
70 T	Styrene	50.000	58.216	-16.4	90	0.00
71 P	Bromoform	50.000	60.279	-20.6	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	55.681	-11.4	89	0.00
74 T	N-amyl acetate	50.000	59.245	-18.5	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.265	-14.5	95	0.00
76 T	1,2,3-Trichloropropane	50.000	57.891	-15.8	92	0.00
77 T	Bromobenzene	50.000	55.794	-11.6	90	0.00
78 T	n-propylbenzene	50.000	55.484	-11.0	87	0.00
79 T	2-Chlorotoluene	50.000	55.846	-11.7	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.629	-11.3	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.967	-17.9	95	0.00
82 T	4-Chlorotoluene	50.000	55.873	-11.7	88	0.00
83 T	tert-Butylbenzene	50.000	56.149	-12.3	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.827	-13.7	89	0.00
85 T	sec-Butylbenzene	50.000	55.419	-10.8	87	0.00
86 T	p-Isopropyltoluene	50.000	55.802	-11.6	87	0.00
87 T	1,3-Dichlorobenzene	50.000	55.475	-11.0	88	0.00
88 T	1,4-Dichlorobenzene	50.000	55.790	-11.6	89	0.00
89 T	n-Butylbenzene	50.000	55.131	-10.3	87	0.00
90 T	Hexachloroethane	50.000	55.608	-11.2	88	0.00
91 T	1,2-Dichlorobenzene	50.000	56.030	-12.1	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.365	-18.7	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.937	-9.9	87	0.00
94 T	Hexachlorobutadiene	50.000	53.511	-7.0	84	0.00
95 T	Naphthalene	50.000	58.795	-17.6	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.323	-10.6	87	0.00

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