

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015307.D
 Acq On : 24 Aug 2023 12:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 25 03:16:51 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	69	0.00
2 T	Dichlorodifluoromethane	50.000	47.030	5.9	64	0.00
3 P	Chloromethane	50.000	51.361	-2.7	69	0.00
4 C	Vinyl Chloride	50.000	47.412	5.2#	68	0.00
5 T	Bromomethane	50.000	49.242	1.5	65	0.00
6 T	Chloroethane	50.000	54.069	-8.1	75	0.00
7 T	Trichlorofluoromethane	50.000	51.491	-3.0	74	0.00
8 T	Diethyl Ether	50.000	56.700	-13.4	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.353	-2.7	74	0.00
10 T	Methyl Iodide	50.000	50.842	-1.7	66	0.00
11 T	Tert butyl alcohol	250.000	287.069	-14.8	79	0.03
12 CM	1,1-Dichloroethene	50.000	50.402	-0.8#	71	0.00
13 T	Acrolein	250.000	237.099	5.2	72	0.00
14 T	Allyl chloride	50.000	52.733	-5.5	73	0.00
15 T	Acrylonitrile	250.000	316.909	-26.8#	88	0.00
16 T	Acetone	250.000	299.207	-19.7	80	0.01
17 T	Carbon Disulfide	50.000	43.840	12.3	59	0.00
18 T	Methyl Acetate	50.000	64.120	-28.2#	88	0.01
19 T	Methyl tert-butyl Ether	50.000	57.366	-14.7	79	0.01
20 T	Methylene Chloride	50.000	60.694	-21.4	80	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.440	-2.9	72	0.00
22 T	Diisopropyl ether	50.000	57.112	-14.2	79	0.00
23 T	Vinyl Acetate	250.000	289.326	-15.7	79	0.00
24 P	1,1-Dichloroethane	50.000	54.730	-9.5	76	0.00
25 T	2-Butanone	250.000	312.406	-25.0	86	0.00
26 T	2,2-Dichloropropane	50.000	49.922	0.2	72	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.771	-7.5	76	0.00
28 T	Bromochloromethane	50.000	52.702	-5.4	75	0.00
29 T	Tetrahydrofuran	250.000	310.923	-24.4	86	0.00
30 C	Chloroform	50.000	55.560	-11.1#	78	0.00
31 T	Cyclohexane	50.000	51.963	-3.9	69	0.00
32 T	1,1,1-Trichloroethane	50.000	53.420	-6.8	75	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.572	-17.1	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35 S	Dibromofluoromethane	50.000	57.519	-15.0	78	0.00
36 T	1,1-Dichloropropene	50.000	51.840	-3.7	73	0.00
37 T	Ethyl Acetate	50.000	60.680	-21.4	87	0.00
38 T	Carbon Tetrachloride	50.000	50.626	-1.3	72	0.00
39 T	Methylcyclohexane	50.000	49.719	0.6	71	0.00
40 TM	Benzene	50.000	53.752	-7.5	76	0.00
41 T	Methacrylonitrile	50.000	49.187	1.6	65	0.00
42 TM	1,2-Dichloroethane	50.000	56.096	-12.2	79	0.00
43 T	Isopropyl Acetate	50.000	58.847	-17.7	83	0.00
44 TM	Trichloroethene	50.000	52.250	-4.5	74	0.00
45 C	1,2-Dichloropropane	50.000	56.347	-12.7#	80	0.00
46 T	Dibromomethane	50.000	57.708	-15.4	80	0.00
47 T	Bromodichloromethane	50.000	56.744	-13.5	79	0.00
48 T	Methyl methacrylate	50.000	62.545	-25.1#	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1207.002	-20.7	83	0.01
50 S	Toluene-d8	50.000	55.270	-10.5	76	0.00
51 T	4-Methyl-2-Pentanone	250.000	321.370	-28.5#	89	0.00
52 CM	Toluene	50.000	53.308	-6.6#	75	0.00
53 T	t-1,3-Dichloropropene	50.000	54.140	-8.3	76	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.660	-9.3	77	0.00
55 T	1,1,2-Trichloroethane	50.000	57.855	-15.7	82	0.00
56 T	Ethyl methacrylate	50.000	58.029	-16.1	80	0.00
57 T	1,3-Dichloropropane	50.000	58.288	-16.6	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.999	-6.4	77	0.00
59 T	2-Hexanone	250.000	322.945	-29.2#	89	0.00
60 T	Dibromochloromethane	50.000	57.490	-15.0	80	0.00
61 T	1,2-Dibromoethane	50.000	56.505	-13.0	79	0.00
62 S	4-Bromofluorobenzene	50.000	56.167	-12.3	78	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	70	0.00
64 T	Tetrachloroethene	50.000	54.792	-9.6	78	0.00
65 PM	Chlorobenzene	50.000	53.923	-7.8	76	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.311	-10.6	78	0.00
67 C	Ethyl Benzene	50.000	53.000	-6.0#	76	0.00
68 T	m/p-Xylenes	100.000	105.483	-5.5	75	0.00
69 T	o-Xylene	50.000	54.015	-8.0	77	0.00
70 T	Styrene	50.000	54.913	-9.8	78	0.00
71 P	Bromoform	50.000	57.922	-15.8	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	72	0.00
73 T	Isopropylbenzene	50.000	51.650	-3.3	77	0.00
74 T	N-amyl acetate	50.000	57.379	-14.8	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	59.715	-19.4	87	0.00
76 T	1,2,3-Trichloropropane	50.000	62.491	-25.0	94	0.00
77 T	Bromobenzene	50.000	52.522	-5.0	78	0.00
78 T	n-propylbenzene	50.000	52.120	-4.2	78	0.00
79 T	2-Chlorotoluene	50.000	51.705	-3.4	77	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.945	-3.9	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.338	-12.7	80	0.00
82 T	4-Chlorotoluene	50.000	52.210	-4.4	77	0.00
83 T	tert-Butylbenzene	50.000	51.535	-3.1	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.962	-3.9	76	0.00
85 T	sec-Butylbenzene	50.000	52.256	-4.5	77	0.00
86 T	p-Isopropyltoluene	50.000	52.043	-4.1	76	0.00
87 T	1,3-Dichlorobenzene	50.000	53.233	-6.5	79	0.00
88 T	1,4-Dichlorobenzene	50.000	53.145	-6.3	78	0.00
89 T	n-Butylbenzene	50.000	53.049	-6.1	78	0.00
90 T	Hexachloroethane	50.000	51.068	-2.1	76	0.00
91 T	1,2-Dichlorobenzene	50.000	54.116	-8.2	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.765	-19.5	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.126	-8.3	79	0.00
94 T	Hexachlorobutadiene	50.000	50.641	-1.3	76	0.00
95 T	Naphthalene	50.000	58.316	-16.6	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.371	-12.7	83	0.00

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