

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
 Data File : VY011710.D
 Acq On : 06 Dec 2022 10:56
 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: Dec 06 23:38:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	52.107	-4.2	107	0.00
3 P	Chloromethane	50.000	44.492	11.0	89	0.00
4 C	Vinyl Chloride	50.000	40.009	20.0#	87	0.00
5 T	Bromomethane	50.000	43.188	13.6	88	0.00
6 T	Chloroethane	50.000	39.367	21.3	86	0.00
7 T	Trichlorofluoromethane	50.000	49.321	1.4	109	0.00
8 T	Diethyl Ether	50.000	53.469	-6.9	115	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.124	-2.2	109	0.00
10 T	Methyl Iodide	50.000	53.093	-6.2	102	0.00
11 T	Tert butyl alcohol	250.000	301.158	-20.5	131	0.00
12 CM	1,1-Dichloroethene	50.000	51.344	-2.7#	108	0.00
13 T	Acrolein	250.000	189.732	24.1	123	0.00
14 T	Allyl chloride	50.000	50.325	-0.7	102	0.00
15 T	Acrylonitrile	250.000	269.840	-7.9	115	0.00
16 T	Acetone	250.000	283.683	-13.5	120	0.00
17 T	Carbon Disulfide	50.000	45.384	9.2	94	0.00
18 T	Methyl Acetate	50.000	50.710	-1.4	111	0.00
19 T	Methyl tert-butyl Ether	50.000	56.242	-12.5	115	0.00
20 T	Methylene Chloride	50.000	51.107	-2.2	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.720	-1.4	104	0.00
22 T	Diisopropyl ether	50.000	50.542	-1.1	100	0.00
23 T	Vinyl Acetate	250.000	266.465	-6.6	103	0.00
24 P	1,1-Dichloroethane	50.000	50.200	-0.4	106	0.00
25 T	2-Butanone	250.000	263.718	-5.5	111	0.00
26 T	2,2-Dichloropropane	50.000	51.512	-3.0	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.521	-5.0	107	0.00
28 T	Bromochloromethane	50.000	46.707	6.6	95	0.00
29 T	Tetrahydrofuran	250.000	257.152	-2.9	107	0.00
30 C	Chloroform	50.000	51.877	-3.8#	108	0.00
31 T	Cyclohexane	50.000	46.014	8.0	96	0.00
32 T	1,1,1-Trichloroethane	50.000	52.377	-4.8	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.504	1.0	114	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	53.604	-7.2	117	0.00
36 T	1,1-Dichloropropene	50.000	51.347	-2.7	103	0.00
37 T	Ethyl Acetate	50.000	51.288	-2.6	106	0.00
38 T	Carbon Tetrachloride	50.000	53.161	-6.3	109	0.00
39 T	Methylcyclohexane	50.000	51.725	-3.5	100	0.00
40 TM	Benzene	50.000	51.685	-3.4	103	0.00
41 T	Methacrylonitrile	50.000	45.405	9.2	97	0.00
42 TM	1,2-Dichloroethane	50.000	51.613	-3.2	107	0.00
43 T	Isopropyl Acetate	50.000	51.244	-2.5	104	0.00
44 TM	Trichloroethene	50.000	52.719	-5.4	108	0.00
45 C	1,2-Dichloropropane	50.000	51.295	-2.6#	103	0.00
46 T	Dibromomethane	50.000	51.633	-3.3	106	0.00
47 T	Bromodichloromethane	50.000	53.252	-6.5	108	0.00
48 T	Methyl methacrylate	50.000	51.916	-3.8	102	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	1111.586	-11.2	113	0.00
50 S	Toluene-d8	50.000	49.712	0.6	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	266.445	-6.6	106	0.00
52 CM	Toluene	50.000	52.395	-4.8#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	53.026	-6.1	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.981	-6.0	106	0.00
55 T	1,1,2-Trichloroethane	50.000	52.028	-4.1	107	0.00
56 T	Ethyl methacrylate	50.000	56.308	-12.6	110	0.00
57 T	1,3-Dichloropropane	50.000	52.534	-5.1	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.069	-6.0	102	0.00
59 T	2-Hexanone	250.000	275.539	-10.2	108	0.00
60 T	Dibromochloromethane	50.000	53.753	-7.5	109	0.00
61 T	1,2-Dibromoethane	50.000	52.961	-5.9	108	0.00
62 S	4-Bromofluorobenzene	50.000	51.661	-3.3	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	52.260	-4.5	103	0.00
65 PM	Chlorobenzene	50.000	52.373	-4.7	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.677	-9.4	106	0.00
67 C	Ethyl Benzene	50.000	52.884	-5.8#	101	0.00
68 T	m/p-Xylenes	100.000	106.677	-6.7	100	0.00
69 T	o-Xylene	50.000	54.651	-9.3	102	0.00
70 T	Styrene	50.000	54.588	-9.2	102	0.00
71 P	Bromoform	50.000	54.343	-8.7	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	56.208	-12.4	102	0.00
74 T	N-amyl acetate	50.000	53.339	-6.7	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.957	-5.9	104	0.00
76 T	1,2,3-Trichloropropane	50.000	58.557	-17.1	104	0.00
77 T	Bromobenzene	50.000	53.929	-7.9	103	0.00
78 T	n-propylbenzene	50.000	54.899	-9.8	99	0.00
79 T	2-Chlorotoluene	50.000	53.857	-7.7	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.570	-11.1	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.006	-12.0	109	0.00
82 T	4-Chlorotoluene	50.000	52.790	-5.6	98	0.00
83 T	tert-Butylbenzene	50.000	57.174	-14.3	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.286	-10.6	100	0.00
85 T	sec-Butylbenzene	50.000	55.328	-10.7	100	0.00
86 T	p-Isopropyltoluene	50.000	55.695	-11.4	100	0.00
87 T	1,3-Dichlorobenzene	50.000	53.058	-6.1	101	0.00
88 T	1,4-Dichlorobenzene	50.000	52.066	-4.1	100	0.00
89 T	n-Butylbenzene	50.000	55.185	-10.4	98	0.00
90 T	Hexachloroethane	50.000	52.337	-4.7	102	0.00
91 T	1,2-Dichlorobenzene	50.000	52.975	-6.0	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.706	-13.4	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.485	-11.0	105	0.00
94 T	Hexachlorobutadiene	50.000	55.616	-11.2	108	0.00
95 T	Naphthalene	50.000	53.541	-7.1	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.481	-13.0	109	0.00

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