

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\YY120122\
 Data File : VY011654.D
 Acq On : 01 Dec 2022 11:27
 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 02 03:14:40 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	54.327	-8.7	111	0.00
3 P	Chloromethane	50.000	47.227	5.5	94	0.00
4 C	Vinyl Chloride	50.000	40.933	18.1#	89	0.00
5 T	Bromomethane	50.000	43.874	12.3	89	0.00
6 T	Chloroethane	50.000	40.420	19.2	88	0.00
7 T	Trichlorofluoromethane	50.000	49.970	0.1	110	0.00
8 T	Diethyl Ether	50.000	50.864	-1.7	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.862	-3.7	111	0.00
10 T	Methyl Iodide	50.000	53.875	-7.8	103	0.00
11 T	Tert butyl alcohol	250.000	267.365	-6.9	118	0.00
12 CM	1,1-Dichloroethene	50.000	51.659	-3.3#	109	0.00
13 T	Acrolein	250.000	180.473	27.8#	118	0.00
14 T	Allyl chloride	50.000	49.533	0.9	100	0.00
15 T	Acrylonitrile	250.000	246.377	1.4	105	0.00
16 T	Acetone	250.000	264.829	-5.9	112	0.00
17 T	Carbon Disulfide	50.000	47.518	5.0	99	0.00
18 T	Methyl Acetate	50.000	47.558	4.9	105	0.00
19 T	Methyl tert-butyl Ether	50.000	54.304	-8.6	111	0.00
20 T	Methylene Chloride	50.000	54.976	-10.0	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.016	-2.0	105	0.00
22 T	Diisopropyl ether	50.000	51.306	-2.6	101	0.00
23 T	Vinyl Acetate	250.000	262.083	-4.8	101	0.00
24 P	1,1-Dichloroethane	50.000	51.014	-2.0	108	0.00
25 T	2-Butanone	250.000	242.432	3.0	102	0.00
26 T	2,2-Dichloropropane	50.000	52.260	-4.5	109	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.209	-4.4	106	0.00
28 T	Bromochloromethane	50.000	48.627	2.7	100	0.00
29 T	Tetrahydrofuran	250.000	240.154	3.9	100	0.00
30 C	Chloroform	50.000	51.580	-3.2#	108	0.00
31 T	Cyclohexane	50.000	48.757	2.5	102	0.00
32 T	1,1,1-Trichloroethane	50.000	52.388	-4.8	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.521	-5.0	121	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	55.614	-11.2	123	0.00
36 T	1,1-Dichloropropene	50.000	51.309	-2.6	104	0.00
37 T	Ethyl Acetate	50.000	47.582	4.8	100	0.00
38 T	Carbon Tetrachloride	50.000	51.704	-3.4	108	0.00
39 T	Methylcyclohexane	50.000	53.097	-6.2	104	0.00
40 TM	Benzene	50.000	51.375	-2.8	105	0.00
41 T	Methacrylonitrile	50.000	48.386	3.2	106	0.00
42 TM	1,2-Dichloroethane	50.000	49.894	0.2	105	0.00
43 T	Isopropyl Acetate	50.000	48.318	3.4	100	0.00
44 TM	Trichloroethene	50.000	51.276	-2.6	107	0.00
45 C	1,2-Dichloropropane	50.000	50.399	-0.8#	103	0.00
46 T	Dibromomethane	50.000	49.600	0.8	104	0.00
47 T	Bromodichloromethane	50.000	51.311	-2.6	106	0.00
48 T	Methyl methacrylate	50.000	49.706	0.6	100	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	1020.405	-2.0	105	0.00
50 S	Toluene-d8	50.000	53.217	-6.4	118	0.00
51 T	4-Methyl-2-Pentanone	250.000	242.422	3.0	98	0.00
52 CM	Toluene	50.000	51.524	-3.0#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	51.374	-2.7	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.517	-3.0	105	0.00
55 T	1,1,2-Trichloroethane	50.000	49.546	0.9	103	0.00
56 T	Ethyl methacrylate	50.000	52.500	-5.0	104	0.00
57 T	1,3-Dichloropropane	50.000	49.790	0.4	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.017	1.6	96	0.00
59 T	2-Hexanone	250.000	252.204	-0.9	101	0.00
60 T	Dibromochloromethane	50.000	50.935	-1.9	105	0.00
61 T	1,2-Dibromoethane	50.000	49.959	0.1	104	0.00
62 S	4-Bromofluorobenzene	50.000	54.680	-9.4	118	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	51.488	-3.0	102	0.00
65 PM	Chlorobenzene	50.000	51.878	-3.8	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.271	-6.5	103	0.00
67 C	Ethyl Benzene	50.000	53.262	-6.5#	102	0.00
68 T	m/p-Xylenes	100.000	106.483	-6.5	100	0.00
69 T	o-Xylene	50.000	54.358	-8.7	101	0.00
70 T	Styrene	50.000	54.491	-9.0	101	0.00
71 P	Bromoform	50.000	51.515	-3.0	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	55.973	-11.9	101	0.00
74 T	N-amyl acetate	50.000	52.408	-4.8	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.978	0.0	99	0.00
76 T	1,2,3-Trichloropropane	50.000	45.128	9.7	80	0.00
77 T	Bromobenzene	50.000	53.225	-6.5	101	0.00
78 T	n-propylbenzene	50.000	55.074	-10.1	100	0.00
79 T	2-Chlorotoluene	50.000	54.434	-8.9	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.093	-12.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.816	-3.6	101	0.00
82 T	4-Chlorotoluene	50.000	53.542	-7.1	99	0.00
83 T	tert-Butylbenzene	50.000	56.745	-13.5	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.842	-11.7	101	0.00
85 T	sec-Butylbenzene	50.000	55.690	-11.4	101	0.00
86 T	p-Isopropyltoluene	50.000	56.278	-12.6	101	0.00
87 T	1,3-Dichlorobenzene	50.000	53.039	-6.1	101	0.00
88 T	1,4-Dichlorobenzene	50.000	51.759	-3.5	99	0.00
89 T	n-Butylbenzene	50.000	56.136	-12.3	100	0.00
90 T	Hexachloroethane	50.000	52.852	-5.7	103	0.00
91 T	1,2-Dichlorobenzene	50.000	52.381	-4.8	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.482	-1.0	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.044	-14.1	109	0.00
94 T	Hexachlorobutadiene	50.000	56.737	-13.5	111	0.00
95 T	Naphthalene	50.000	51.477	-3.0	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.212	-12.4	109	0.00

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