

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012720\
 Data File : VY001411.D
 Acq On : 27 Jan 2020 17:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 27 22:19:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 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	102	0.00
2 T	Dichlorodifluoromethane	50.000	47.638	4.7	98	0.00
3 P	Chloromethane	50.000	47.989	4.0	102	-0.01
4 C	Vinyl Chloride	50.000	46.848	6.3#	97	0.00
5 T	Bromomethane	50.000	46.036	7.9	99	-0.02
6 T	Chloroethane	50.000	47.948	4.1	100	0.00
7 T	Trichlorofluoromethane	50.000	49.466	1.1	102	-0.01
8 T	Diethyl Ether	50.000	48.848	2.3	103	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.374	-0.7	103	-0.02
10 T	Methyl Iodide	50.000	48.472	3.1	94	-0.01
11 T	Tert butyl alcohol	250.000	225.604	9.8	98	-0.01
12 CM	1,1-Dichloroethene	50.000	48.241	3.5#	101	-0.02
13 T	Acrolein	250.000	250.437	-0.2	113	-0.01
14 T	Allyl chloride	50.000	48.917	2.2	102	-0.01
15 T	Acrylonitrile	250.000	250.700	-0.3	105	-0.01
16 T	Acetone	250.000	288.315	-15.3	114	-0.01
17 T	Carbon Disulfide	50.000	45.969	8.1	96	-0.01
18 T	Methyl Acetate	50.000	47.402	5.2	104	-0.02
19 T	Methyl tert-butyl Ether	50.000	49.008	2.0	102	-0.02
20 T	Methylene Chloride	50.000	44.652	10.7	95	-0.02
21 T	trans-1,2-Dichloroethene	50.000	47.447	5.1	99	-0.02
22 T	Diisopropyl ether	50.000	48.695	2.6	103	0.00
23 T	Vinyl Acetate	250.000	245.195	1.9	102	0.00
24 P	1,1-Dichloroethane	50.000	48.976	2.0	102	-0.01
25 T	2-Butanone	250.000	253.573	-1.4	107	0.00
26 T	2,2-Dichloropropane	50.000	46.745	6.5	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.639	2.7	101	0.00
28 T	Bromochloromethane	50.000	54.508	-9.0	109	0.00
29 T	Tetrahydrofuran	250.000	247.614	1.0	104	0.00
30 C	Chloroform	50.000	48.506	3.0#	103	0.00
31 T	Cyclohexane	50.000	46.300	7.4	100	0.00
32 T	1,1,1-Trichloroethane	50.000	48.565	2.9	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.844	-1.7	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	49.269	1.5	101	0.00
36 T	1,1-Dichloropropene	50.000	48.682	2.6	102	0.00
37 T	Ethyl Acetate	50.000	50.329	-0.7	105	0.00
38 T	Carbon Tetrachloride	50.000	48.513	3.0	100	0.00
39 T	Methylcyclohexane	50.000	48.710	2.6	101	0.00
40 TM	Benzene	50.000	48.860	2.3	102	0.00
41 T	Methacrylonitrile	50.000	52.586	-5.2	115	0.00
42 TM	1,2-Dichloroethane	50.000	49.236	1.5	102	0.00
43 T	Isopropyl Acetate	50.000	49.545	0.9	101	0.00
44 TM	Trichloroethene	50.000	48.061	3.9	102	0.00
45 C	1,2-Dichloropropane	50.000	49.372	1.3#	102	0.00

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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)
46 T	Dibromomethane	50.000	48.693	2.6	102	0.00
47 T	Bromodichloromethane	50.000	49.541	0.9	104	0.00
48 T	Methyl methacrylate	50.000	50.234	-0.5	105	0.00
49 T	1,4-Dioxane	1000.000	1012.914	-1.3	107	0.00
50 S	Toluene-d8	50.000	51.554	-3.1	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.728	-1.1	105	0.00
52 CM	Toluene	50.000	48.749	2.5#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	50.003	-0.0	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.332	1.3	102	0.00
55 T	1,1,2-Trichloroethane	50.000	49.835	0.3	102	0.00
56 T	Ethyl methacrylate	50.000	50.205	-0.4	103	0.00
57 T	1,3-Dichloropropane	50.000	49.980	0.0	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	223.057	10.8	107	0.00
59 T	2-Hexanone	250.000	263.229	-5.3	107	0.00
60 T	Dibromochloromethane	50.000	49.474	1.1	102	0.00
61 T	1,2-Dibromoethane	50.000	50.633	-1.3	104	0.00
62 S	4-Bromofluorobenzene	50.000	49.069	1.9	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	49.347	1.3	106	0.00
65 PM	Chlorobenzene	50.000	48.490	3.0	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.586	0.8	104	0.00
67 C	Ethyl Benzene	50.000	48.701	2.6#	103	0.00
68 T	m/p-Xylenes	100.000	97.570	2.4	103	0.00
69 T	o-Xylene	50.000	47.854	4.3	101	0.00
70 T	Styrene	50.000	49.101	1.8	103	0.00
71 P	Bromoform	50.000	48.617	2.8	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	47.399	5.2	102	0.00
74 T	N-amyl acetate	50.000	49.158	1.7	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.994	2.0	103	0.00
76 T	1,2,3-Trichloropropane	50.000	45.170	9.7	96	0.00
77 T	Bromobenzene	50.000	47.007	6.0	101	0.00
78 T	n-propylbenzene	50.000	48.298	3.4	103	0.00
79 T	2-Chlorotoluene	50.000	48.181	3.6	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.734	4.5	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.349	-0.7	108	0.00
82 T	4-Chlorotoluene	50.000	47.395	5.2	102	0.00
83 T	tert-Butylbenzene	50.000	47.408	5.2	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.784	4.4	103	0.00
85 T	sec-Butylbenzene	50.000	48.843	2.3	102	0.00
86 T	p-Isopropyltoluene	50.000	48.682	2.6	104	0.00
87 T	1,3-Dichlorobenzene	50.000	48.185	3.6	103	0.00
88 T	1,4-Dichlorobenzene	50.000	47.466	5.1	103	0.00
89 T	n-Butylbenzene	50.000	48.865	2.3	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.642	0.7	104	0.00
91 T	1,2-Dichlorobenzene	50.000	48.230	3.5	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.114	1.8	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.625	6.8	103	0.00
94 T	Hexachlorobutadiene	50.000	46.021	8.0	100	0.00
95 T	Naphthalene	50.000	48.937	2.1	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.854	4.3	105	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6