

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv050120\
 Data File : VY002518.D
 Acq On : 01 May 2020 10:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 01 19:20:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 01 16:38:29 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	103	0.00
2 T	Dichlorodifluoromethane	50.000	53.512	-7.0	101	0.00
3 P	Chloromethane	50.000	56.853	-13.7	104	0.00
4 C	Vinyl Chloride	50.000	56.117	-12.2#	103	0.00
5 T	Bromomethane	50.000	51.264	-2.5	103	0.00
6 T	Chloroethane	50.000	51.991	-4.0	100	0.00
7 T	Trichlorofluoromethane	50.000	51.187	-2.4	101	0.00
8 T	Diethyl Ether	50.000	51.866	-3.7	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.358	-0.7	100	0.00
10 T	Methyl Iodide	50.000	52.482	-5.0	95	0.00
11 T	Tert butyl alcohol	250.000	228.776	8.5	97	0.00
12 CM	1,1-Dichloroethene	50.000	51.180	-2.4#	102	0.00
13 T	Acrolein	250.000	268.890	-7.6	102	0.00
14 T	Allyl chloride	50.000	52.195	-4.4	102	0.00
15 T	Acrylonitrile	250.000	257.600	-3.0	101	0.00
16 T	Acetone	250.000	289.008	-15.6	114	0.00
17 T	Carbon Disulfide	50.000	54.327	-8.7	103	0.00
18 T	Methyl Acetate	50.000	49.697	0.6	101	0.00
19 T	Methyl tert-butyl Ether	50.000	51.162	-2.3	101	0.00
20 T	Methylene Chloride	50.000	48.067	3.9	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.013	-4.0	103	0.00
22 T	Diisopropyl ether	50.000	51.284	-2.6	101	0.00
23 T	Vinyl Acetate	250.000	263.026	-5.2	101	0.00
24 P	1,1-Dichloroethane	50.000	51.064	-2.1	100	0.00
25 T	2-Butanone	250.000	260.854	-4.3	103	0.00
26 T	2,2-Dichloropropane	50.000	49.733	0.5	103	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.290	-0.6	101	0.00
28 T	Bromochloromethane	50.000	52.313	-4.6	107	0.00
29 T	Tetrahydrofuran	250.000	262.819	-5.1	102	0.00
30 C	Chloroform	50.000	50.485	-1.0#	101	0.00
31 T	Cyclohexane	50.000	49.048	1.9	101	0.00
32 T	1,1,1-Trichloroethane	50.000	50.802	-1.6	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.415	-2.8	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	52.542	-5.1	108	0.00
36 T	1,1-Dichloropropene	50.000	51.538	-3.1	101	0.00
37 T	Ethyl Acetate	50.000	52.589	-5.2	103	0.00
38 T	Carbon Tetrachloride	50.000	51.342	-2.7	101	0.00
39 T	Methylcyclohexane	50.000	51.618	-3.2	102	0.00
40 TM	Benzene	50.000	51.267	-2.5	102	0.00
41 T	Methacrylonitrile	50.000	50.693	-1.4	91	0.00
42 TM	1,2-Dichloroethane	50.000	50.364	-0.7	98	0.00
43 T	Isopropyl Acetate	50.000	52.281	-4.6	102	0.00
44 TM	Trichloroethene	50.000	51.076	-2.2	102	0.00
45 C	1,2-Dichloropropane	50.000	51.134	-2.3#	101	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.922	-1.8	100	0.00
47 T	Bromodichloromethane	50.000	50.918	-1.8	100	0.00
48 T	Methyl methacrylate	50.000	52.234	-4.5	100	0.00
49 T	1,4-Dioxane	1000.000	1009.008	-0.9	96	0.00
50 S	Toluene-d8	50.000	52.553	-5.1	109	0.00
51 T	4-Methyl-2-Pentanone	250.000	262.966	-5.2	100	0.00
52 CM	Toluene	50.000	50.914	-1.8#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	52.305	-4.6	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.506	-3.0	101	0.00
55 T	1,1,2-Trichloroethane	50.000	50.637	-1.3	99	0.00
56 T	Ethyl methacrylate	50.000	52.806	-5.6	100	0.00
57 T	1,3-Dichloropropane	50.000	51.161	-2.3	100	0.00
58 T	2-Chloroethyl Vinyl ether	50.000	250.338	-400.7#	105	0.00
59 T	2-Hexanone	250.000	266.466	-6.6	100	0.00
60 T	Dibromochloromethane	50.000	51.404	-2.8	100	0.00
61 T	1,2-Dibromoethane	50.000	51.525	-3.0	102	0.00
62 S	4-Bromofluorobenzene	50.000	52.217	-4.4	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	50.571	-1.1	99	0.00
65 PM	Chlorobenzene	50.000	50.612	-1.2	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.860	-3.7	101	0.00
67 C	Ethyl Benzene	50.000	51.377	-2.8#	101	0.00
68 T	m/p-Xylenes	100.000	102.525	-2.5	101	0.00
69 T	o-Xylene	50.000	50.900	-1.8	101	0.00
70 T	Styrene	50.000	51.792	-3.6	101	0.00
71 P	Bromoform	50.000	52.981	-6.0	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	50.427	-0.9	100	0.00
74 T	N-amyl acetate	50.000	53.367	-6.7	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.045	-2.1	99	0.00
76 T	1,2,3-Trichloropropane	50.000	46.562	6.9	84	0.00
77 T	Bromobenzene	50.000	50.144	-0.3	100	0.00
78 T	n-propylbenzene	50.000	50.991	-2.0	101	0.00
79 T	2-Chlorotoluene	50.000	50.286	-0.6	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.908	-1.8	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.279	-4.6	101	0.00
82 T	4-Chlorotoluene	50.000	49.760	0.5	100	0.00
83 T	tert-Butylbenzene	50.000	51.676	-3.4	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.268	-2.5	102	0.00
85 T	sec-Butylbenzene	50.000	50.597	-1.2	100	0.00
86 T	p-Isopropyltoluene	50.000	51.211	-2.4	101	0.00
87 T	1,3-Dichlorobenzene	50.000	50.405	-0.8	101	0.00
88 T	1,4-Dichlorobenzene	50.000	50.378	-0.8	100	0.00
89 T	n-Butylbenzene	50.000	51.039	-2.1	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.918	-1.8	101	0.00
91 T	1,2-Dichlorobenzene	50.000	50.482	-1.0	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.020	-4.0	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.489	-1.0	100	0.00
94 T	Hexachlorobutadiene	50.000	50.245	-0.5	101	0.00
95 T	Naphthalene	50.000	51.626	-3.3	100	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.914	-1.8	101	0.00

(#) = Out of Range

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