

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv040220\
 Data File : VY002182.D
 Acq On : 02 Apr 2020 11:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 03 03:34:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	46.514	7.0	95	0.01
3 P	Chloromethane	50.000	44.353	11.3	94	0.00
4 C	Vinyl Chloride	50.000	46.407	7.2#	94	0.01
5 T	Bromomethane	50.000	49.566	0.9	97	0.01
6 T	Chloroethane	50.000	50.002	-0.0	97	0.01
7 T	Trichlorofluoromethane	50.000	49.662	0.7	99	0.01
8 T	Diethyl Ether	50.000	50.390	-0.8	100	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.037	-0.1	99	0.02
10 T	Methyl Iodide	50.000	49.515	1.0	91	0.01
11 T	Tert butyl alcohol	250.000	229.891	8.0	102	0.01
12 CM	1,1-Dichloroethene	50.000	50.263	-0.5#	98	0.01
13 T	Acrolein	250.000	284.567	-13.8	101	0.01
14 T	Allyl chloride	50.000	51.444	-2.9	97	0.01
15 T	Acrylonitrile	250.000	263.332	-5.3	101	0.01
16 T	Acetone	250.000	265.772	-6.3	103	0.01
17 T	Carbon Disulfide	50.000	48.986	2.0	95	0.01
18 T	Methyl Acetate	50.000	50.818	-1.6	101	0.01
19 T	Methyl tert-butyl Ether	50.000	52.068	-4.1	100	0.01
20 T	Methylene Chloride	50.000	50.748	-1.5	100	0.01
21 T	trans-1,2-Dichloroethene	50.000	51.838	-3.7	99	0.00
22 T	Diisopropyl ether	50.000	52.760	-5.5	99	0.01
23 T	Vinyl Acetate	250.000	264.309	-5.7	99	0.01
24 P	1,1-Dichloroethane	50.000	52.093	-4.2	98	0.01
25 T	2-Butanone	250.000	263.860	-5.5	102	0.00
26 T	2,2-Dichloropropane	50.000	52.132	-4.3	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.166	-4.3	99	0.01
28 T	Bromochloromethane	50.000	52.885	-5.8	93	0.01
29 T	Tetrahydrofuran	250.000	261.118	-4.4	100	0.01
30 C	Chloroform	50.000	52.129	-4.3#	99	0.00
31 T	Cyclohexane	50.000	48.702	2.6	97	0.01
32 T	1,1,1-Trichloroethane	50.000	51.878	-3.8	97	0.01
33 S	1,2-Dichloroethane-d4	50.000	51.585	-3.2	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	52.113	-4.2	100	0.00
36 T	1,1-Dichloropropene	50.000	51.148	-2.3	97	0.00
37 T	Ethyl Acetate	50.000	51.730	-3.5	102	0.00
38 T	Carbon Tetrachloride	50.000	53.484	-7.0	100	0.00
39 T	Methylcyclohexane	50.000	51.096	-2.2	96	0.00
40 TM	Benzene	50.000	51.893	-3.8	98	0.01
41 T	Methacrylonitrile	50.000	48.182	3.6	92	0.01
42 TM	1,2-Dichloroethane	50.000	51.998	-4.0	99	0.00
43 T	Isopropyl Acetate	50.000	52.137	-4.3	99	0.00
44 TM	Trichloroethene	50.000	52.756	-5.5	99	0.00
45 C	1,2-Dichloropropane	50.000	52.798	-5.6#	99	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	53.289	-6.6	101	0.00
47 T	Bromodichloromethane	50.000	53.498	-7.0	99	0.00
48 T	Methyl methacrylate	50.000	51.977	-4.0	100	0.00
49 T	1,4-Dioxane	1000.000	1001.700	-0.2	95	0.01
50 S	Toluene-d8	50.000	51.404	-2.8	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	268.364	-7.3	102	0.00
52 CM	Toluene	50.000	52.795	-5.6#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	53.443	-6.9	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.824	-7.6	100	0.00
55 T	1,1,2-Trichloroethane	50.000	51.821	-3.6	97	0.00
56 T	Ethyl methacrylate	50.000	53.490	-7.0	101	0.00
57 T	1,3-Dichloropropane	50.000	52.955	-5.9	100	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	266.185	-6.5	102	0.00
59 T	2-Hexanone	250.000	267.607	-7.0	101	0.00
60 T	Dibromochloromethane	50.000	54.477	-9.0	101	0.00
61 T	1,2-Dibromoethane	50.000	53.708	-7.4	102	0.01
62 S	4-Bromofluorobenzene	50.000	51.786	-3.6	96	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	55.917	-11.8	105	0.00
65 PM	Chlorobenzene	50.000	52.432	-4.9	98	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	53.867	-7.7	100	0.00
67 C	Ethyl Benzene	50.000	53.448	-6.9#	98	0.00
68 T	m/p-Xylenes	100.000	107.069	-7.1	99	0.00
69 T	o-Xylene	50.000	52.858	-5.7	98	0.01
70 T	Styrene	50.000	53.608	-7.2	98	0.00
71 P	Bromoform	50.000	55.306	-10.6	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.01
73 T	Isopropylbenzene	50.000	52.971	-5.9	98	0.00
74 T	N-amyl acetate	50.000	52.071	-4.1	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.781	-5.6	99	0.00
76 T	1,2,3-Trichloropropane	50.000	57.811	-15.6	103	0.01
77 T	Bromobenzene	50.000	53.399	-6.8	98	0.01
78 T	n-propylbenzene	50.000	53.028	-6.1	98	0.00
79 T	2-Chlorotoluene	50.000	52.206	-4.4	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.415	-6.8	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.529	-9.1	100	0.00
82 T	4-Chlorotoluene	50.000	52.853	-5.7	98	0.00
83 T	tert-Butylbenzene	50.000	52.799	-5.6	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.304	-6.6	98	0.00
85 T	sec-Butylbenzene	50.000	52.917	-5.8	97	0.00
86 T	p-Isopropyltoluene	50.000	53.387	-6.8	97	0.00
87 T	1,3-Dichlorobenzene	50.000	51.960	-3.9	97	0.00
88 T	1,4-Dichlorobenzene	50.000	52.805	-5.6	98	0.00
89 T	n-Butylbenzene	50.000	52.184	-4.4	96	0.00

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90 T	Hexachloroethane	50.000	54.165	-8.3	99	0.00
91 T	1,2-Dichlorobenzene	50.000	52.446	-4.9	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.466	-2.9	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.229	-0.5	95	0.00
94 T	Hexachlorobutadiene	50.000	51.535	-3.1	98	0.00
95 T	Naphthalene	50.000	50.929	-1.9	97	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.951	2.1	94	0.00

(#) = Out of Range

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