

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032020\
 Data File : VY002039.D
 Acq On : 20 Mar 2020 16:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 20 17:06:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 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	87	-0.02
2 T	Dichlorodifluoromethane	50.000	43.553	12.9	78	0.00
3 P	Chloromethane	50.000	46.358	7.3	82	0.00
4 C	Vinyl Chloride	50.000	47.515	5.0#	81	-0.01
5 T	Bromomethane	50.000	55.404	-10.8	85	-0.01
6 T	Chloroethane	50.000	51.226	-2.5	87	-0.01
7 T	Trichlorofluoromethane	50.000	50.009	-0.0	87	-0.01
8 T	Diethyl Ether	50.000	53.060	-6.1	91	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.112	-2.2	89	-0.01
10 T	Methyl Iodide	50.000	53.073	-6.1	84	-0.02
11 T	Tert butyl alcohol	250.000	290.628	-16.3	96	-0.04
12 CM	1,1-Dichloroethene	50.000	50.461	-0.9#	86	-0.02
13 T	Acrolein	250.000	189.054	24.4	71	-0.01
14 T	Allyl chloride	50.000	53.485	-7.0	90	-0.02
15 T	Acrylonitrile	250.000	258.835	-3.5	88	-0.02
16 T	Acetone	250.000	219.424	12.2	74	-0.02
17 T	Carbon Disulfide	50.000	45.411	9.2	77	-0.02
18 T	Methyl Acetate	50.000	51.299	-2.6	87	-0.03
19 T	Methyl tert-butyl Ether	50.000	53.849	-7.7	91	-0.02
20 T	Methylene Chloride	50.000	50.449	-0.9	91	-0.03
21 T	trans-1,2-Dichloroethene	50.000	51.509	-3.0	88	-0.02
22 T	Diisopropyl ether	50.000	55.494	-11.0	94	-0.02
23 T	Vinyl Acetate	250.000	270.476	-8.2	91	-0.02
24 P	1,1-Dichloroethane	50.000	53.774	-7.5	92	-0.02
25 T	2-Butanone	250.000	249.694	0.1	84	-0.02
26 T	2,2-Dichloropropane	50.000	53.799	-7.6	93	-0.02
27 T	cis-1,2-Dichloroethene	50.000	53.815	-7.6	91	-0.02
28 T	Bromochloromethane	50.000	53.633	-7.3	91	-0.02
29 T	Tetrahydrofuran	250.000	253.130	-1.3	86	-0.02
30 C	Chloroform	50.000	55.187	-10.4#	94	-0.02
31 T	Cyclohexane	50.000	48.221	3.6	86	-0.02
32 T	1,1,1-Trichloroethane	50.000	55.014	-10.0	93	-0.02
33 S	1,2-Dichloroethane-d4	50.000	52.275	-4.5	94	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	-0.02
35 S	Dibromofluoromethane	50.000	52.226	-4.5	94	-0.02
36 T	1,1-Dichloropropene	50.000	51.265	-2.5	88	-0.02
37 T	Ethyl Acetate	50.000	51.151	-2.3	86	-0.02
38 T	Carbon Tetrachloride	50.000	52.860	-5.7	91	-0.02
39 T	Methylcyclohexane	50.000	49.967	0.1	87	-0.02
40 TM	Benzene	50.000	52.296	-4.6	90	-0.02
41 T	Methacrylonitrile	50.000	68.941	-37.9#	122	-0.01
42 TM	1,2-Dichloroethane	50.000	54.002	-8.0	92	-0.02
43 T	Isopropyl Acetate	50.000	52.355	-4.7	89	-0.02
44 TM	Trichloroethene	50.000	51.693	-3.4	90	-0.02
45 C	1,2-Dichloropropane	50.000	54.971	-9.9#	94	-0.02

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.426	-4.9	91	-0.02
47 T	Bromodichloromethane	50.000	55.703	-11.4	95	-0.02
48 T	Methyl methacrylate	50.000	53.424	-6.8	87	-0.01
49 T	1,4-Dioxane	1000.000	984.707	1.5	83	-0.02
50 S	Toluene-d8	50.000	50.833	-1.7	91	-0.01
51 T	4-Methyl-2-Pentanone	250.000	266.401	-6.6	90	-0.01
52 CM	Toluene	50.000	53.195	-6.4#	92	-0.01
53 T	t-1,3-Dichloropropene	50.000	55.922	-11.8	93	-0.01
54 T	cis-1,3-Dichloropropene	50.000	54.726	-9.5	92	-0.01
55 T	1,1,2-Trichloroethane	50.000	52.977	-6.0	91	-0.01
56 T	Ethyl methacrylate	50.000	54.343	-8.7	90	-0.01
57 T	1,3-Dichloropropane	50.000	53.729	-7.5	93	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	258.759	-3.5	90	-0.01
59 T	2-Hexanone	250.000	251.161	-0.5	84	-0.01
60 T	Dibromochloromethane	50.000	56.095	-12.2	94	-0.01
61 T	1,2-Dibromoethane	50.000	53.093	-6.2	92	-0.01
62 S	4-Bromofluorobenzene	50.000	52.075	-4.2	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	-0.01
64 T	Tetrachloroethene	50.000	52.115	-4.2	93	-0.01
65 PM	Chlorobenzene	50.000	52.673	-5.3	91	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	55.661	-11.3	95	-0.01
67 C	Ethyl Benzene	50.000	53.162	-6.3#	92	0.00
68 T	m/p-Xylenes	100.000	106.718	-6.7	92	0.00
69 T	o-Xylene	50.000	53.741	-7.5	93	-0.01
70 T	Styrene	50.000	55.048	-10.1	93	0.00
71 P	Bromoform	50.000	55.559	-11.1	91	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	-0.01
73 T	Isopropylbenzene	50.000	52.742	-5.5	92	0.00
74 T	N-amyl acetate	50.000	52.401	-4.8	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.906	-3.8	91	-0.01
76 T	1,2,3-Trichloropropane	50.000	54.008	-8.0	102	0.00
77 T	Bromobenzene	50.000	55.410	-10.8	98	0.00
78 T	n-propylbenzene	50.000	52.789	-5.6	93	0.00
79 T	2-Chlorotoluene	50.000	53.130	-6.3	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.370	-6.7	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.467	-0.9	86	0.00
82 T	4-Chlorotoluene	50.000	53.570	-7.1	94	0.00
83 T	tert-Butylbenzene	50.000	53.815	-7.6	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.252	-6.5	93	-0.01
85 T	sec-Butylbenzene	50.000	53.537	-7.1	94	-0.01
86 T	p-Isopropyltoluene	50.000	53.763	-7.5	94	-0.01
87 T	1,3-Dichlorobenzene	50.000	52.581	-5.2	93	0.00
88 T	1,4-Dichlorobenzene	50.000	52.655	-5.3	93	0.00
89 T	n-Butylbenzene	50.000	53.131	-6.3	94	0.00

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90 T	Hexachloroethane	50.000	54.208	-8.4	95	-0.01
91 T	1,2-Dichlorobenzene	50.000	53.085	-6.2	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.568	-1.1	91	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	52.240	-4.5	92	-0.01
94 T	Hexachlorobutadiene	50.000	53.679	-7.4	97	-0.01
95 T	Naphthalene	50.000	56.678	-13.4	100	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.683	-5.4	94	0.00

(#) = Out of Range

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