

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv112119\
 Data File : VY000762.D
 Acq On : 21 Nov 2019 12:40
 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: Nov 22 03:20:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	147	0.00
2 T	Dichlorodifluoromethane	50.000	45.642	8.7	129	0.00
3 P	Chloromethane	50.000	40.566	18.9	118	0.00
4 C	Vinyl Chloride	50.000	43.942	12.1#	127	0.00
5 T	Bromomethane	50.000	45.508	9.0	140	0.00
6 T	Chloroethane	50.000	44.300	11.4	131	0.00
7 T	Trichlorofluoromethane	50.000	50.362	-0.7	149	0.00
8 T	Diethyl Ether	50.000	55.516	-11.0	163	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.740	-7.5	161	0.00
10 T	Methyl Iodide	50.000	48.384	3.2	148	0.00
11 T	Tert butyl alcohol	250.000	256.068	-2.4	164	-0.01
12 CM	1,1-Dichloroethene	50.000	53.487	-7.0#	151	0.00
13 T	Acrolein	250.000	260.530	-4.2	155	0.00
14 T	Allyl chloride	50.000	55.285	-10.6	160	0.00
15 T	Acrylonitrile	250.000	280.791	-12.3	167	0.00
16 T	Acetone	250.000	273.561	-9.4	147	0.00
17 T	Carbon Disulfide	50.000	50.377	-0.8	148	0.00
18 T	Methyl Acetate	50.000	53.665	-7.3	168	0.00
19 T	Methyl tert-butyl Ether	50.000	54.411	-8.8	160	0.00
20 T	Methylene Chloride	50.000	50.383	-0.8	161	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.140	-6.3	155	0.00
22 T	Diisopropyl ether	50.000	52.516	-5.0	153	0.00
23 T	Vinyl Acetate	250.000	258.155	-3.3	150	0.00
24 P	1,1-Dichloroethane	50.000	54.807	-9.6	162	0.00
25 T	2-Butanone	250.000	260.266	-4.1	148	0.00
26 T	2,2-Dichloropropane	50.000	51.080	-2.2	155	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.799	-11.6	163	0.00
28 T	Bromochloromethane	50.000	55.426	-10.9	153	0.00
29 T	Tetrahydrofuran	250.000	256.095	-2.4	152	0.00
30 C	Chloroform	50.000	53.320	-6.6#	158	0.00
31 T	Cyclohexane	50.000	51.203	-2.4	155	0.00
32 T	1,1,1-Trichloroethane	50.000	50.866	-1.7	149	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.807	-3.6	140	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	154	0.00
35 S	Dibromofluoromethane	50.000	51.194	-2.4	152	0.00
36 T	1,1-Dichloropropene	50.000	49.792	0.4	156	0.00
37 T	Ethyl Acetate	50.000	47.349	5.3	153	-0.01
38 T	Carbon Tetrachloride	50.000	47.839	4.3	147	0.00
39 T	Methylcyclohexane	50.000	50.643	-1.3	154	0.00
40 TM	Benzene	50.000	51.062	-2.1	158	0.00
41 T	Methacrylonitrile	50.000	52.641	-5.3	176	-0.01
42 TM	1,2-Dichloroethane	50.000	45.805	8.4	141	0.00
43 T	Isopropyl Acetate	50.000	48.949	2.1	154	0.00
44 TM	Trichloroethene	50.000	50.273	-0.5	158	0.00
45 C	1,2-Dichloropropane	50.000	52.091	-4.2#	161	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.501	1.0	153	0.00
47 T	Bromodichloromethane	50.000	50.281	-0.6	152	0.00
48 T	Methyl methacrylate	50.000	48.485	3.0	152	0.00
49 T	1,4-Dioxane	1000.000	1082.580	-8.3	164	0.00
50 S	Toluene-d8	50.000	55.190	-10.4	153	0.00
51 T	4-Methyl-2-Pentanone	250.000	238.929	4.4	147	0.00
52 CM	Toluene	50.000	49.213	1.6#	152	0.00
53 T	t-1,3-Dichloropropene	50.000	52.045	-4.1	154	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.377	-4.8	159	0.00
55 T	1,1,2-Trichloroethane	50.000	51.133	-2.3	158	0.00
56 T	Ethyl methacrylate	50.000	53.550	-7.1	158	0.00
57 T	1,3-Dichloropropane	50.000	51.453	-2.9	157	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.269	-9.3	161	0.00
59 T	2-Hexanone	250.000	239.857	4.1	141	0.00
60 T	Dibromochloromethane	50.000	49.209	1.6	149	0.00
61 T	1,2-Dibromoethane	50.000	51.246	-2.5	154	0.00
62 S	4-Bromofluorobenzene	50.000	50.640	-1.3	150	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	151	0.00
64 T	Tetrachloroethene	50.000	51.703	-3.4	156	0.00
65 PM	Chlorobenzene	50.000	51.277	-2.6	155	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.910	-3.8	152	0.00
67 C	Ethyl Benzene	50.000	51.556	-3.1#	152	0.00
68 T	m/p-Xylenes	100.000	99.314	0.7	145	0.00
69 T	o-Xylene	50.000	50.625	-1.3	152	0.00
70 T	Styrene	50.000	51.059	-2.1	149	0.00
71 P	Bromoform	50.000	51.264	-2.5	147	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	136	0.00
73 T	Isopropylbenzene	50.000	54.015	-8.0	149	0.00
74 T	N-amyl acetate	50.000	50.845	-1.7	137	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.219	-8.4	152	0.00
76 T	1,2,3-Trichloropropane	50.000	48.223	3.6	120	0.00
77 T	Bromobenzene	50.000	51.928	-3.9	145	0.00
78 T	n-propylbenzene	50.000	54.825	-9.7	150	0.00
79 T	2-Chlorotoluene	50.000	53.773	-7.5	149	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.977	-8.0	147	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	60.381	-20.8#	161	0.00
82 T	4-Chlorotoluene	50.000	54.407	-8.8	149	0.00
83 T	tert-Butylbenzene	50.000	54.177	-8.4	147	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.653	-11.3	149	0.00
85 T	sec-Butylbenzene	50.000	54.777	-9.6	146	0.00
86 T	p-Isopropyltoluene	50.000	53.261	-6.5	143	0.00
87 T	1,3-Dichlorobenzene	50.000	51.847	-3.7	143	0.00
88 T	1,4-Dichlorobenzene	50.000	51.515	-3.0	141	0.00
89 T	n-Butylbenzene	50.000	54.787	-9.6	147	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
90 T	Hexachloroethane	50.000	54.044	-8.1	144	0.00
91 T	1,2-Dichlorobenzene	50.000	51.817	-3.6	141	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.650	-3.3	145	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.580	-5.2	149	0.00
94 T	Hexachlorobutadiene	50.000	49.306	1.4	133	0.00
95 T	Naphthalene	50.000	54.653	-9.3	151	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.503	-3.0	141	0.00

(#) = Out of Range

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