

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv030320\
 Data File : VY001840.D
 Acq On : 03 Mar 2020 17:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 04 04:23:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 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	76	0.00
2 T	Dichlorodifluoromethane	50.000	48.973	2.1	69	0.00
3 P	Chloromethane	50.000	45.826	8.3	69	0.00
4 C	Vinyl Chloride	50.000	46.368	7.3#	69	0.00
5 T	Bromomethane	50.000	48.030	3.9	72	0.00
6 T	Chloroethane	50.000	48.180	3.6	73	0.00
7 T	Trichlorofluoromethane	50.000	51.862	-3.7	79	0.00
8 T	Diethyl Ether	50.000	53.463	-6.9	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.996	-6.0	80	-0.01
10 T	Methyl Iodide	50.000	48.833	2.3	69	-0.01
11 T	Tert butyl alcohol	250.000	259.074	-3.6	81	0.00
12 CM	1,1-Dichloroethene	50.000	50.889	-1.8#	78	0.00
13 T	Acrolein	250.000	257.191	-2.9	83	0.00
14 T	Allyl chloride	50.000	53.208	-6.4	81	0.00
15 T	Acrylonitrile	250.000	289.704	-15.9	87	-0.02
16 T	Acetone	250.000	232.235	7.1	61	0.00
17 T	Carbon Disulfide	50.000	45.344	9.3	68	0.00
18 T	Methyl Acetate	50.000	56.203	-12.4	87	-0.01
19 T	Methyl tert-butyl Ether	50.000	53.741	-7.5	82	0.00
20 T	Methylene Chloride	50.000	50.167	-0.3	84	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.722	-1.4	78	-0.01
22 T	Diisopropyl ether	50.000	54.771	-9.5	83	0.00
23 T	Vinyl Acetate	250.000	276.568	-10.6	82	-0.01
24 P	1,1-Dichloroethane	50.000	53.437	-6.9	81	0.00
25 T	2-Butanone	250.000	262.188	-4.9	73	0.00
26 T	2,2-Dichloropropane	50.000	50.167	-0.3	79	-0.01
27 T	cis-1,2-Dichloroethene	50.000	52.403	-4.8	81	0.00
28 T	Bromochloromethane	50.000	60.838	-21.7	88	0.00
29 T	Tetrahydrofuran	250.000	279.744	-11.9	83	0.00
30 C	Chloroform	50.000	52.032	-4.1#	81	0.00
31 T	Cyclohexane	50.000	48.267	3.5	77	0.00
32 T	1,1,1-Trichloroethane	50.000	52.062	-4.1	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.906	-11.8	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35 S	Dibromofluoromethane	50.000	52.741	-5.5	86	-0.01
36 T	1,1-Dichloropropene	50.000	50.929	-1.9	79	0.00
37 T	Ethyl Acetate	50.000	55.474	-10.9	86	-0.01
38 T	Carbon Tetrachloride	50.000	49.711	0.6	76	0.00
39 T	Methylcyclohexane	50.000	48.837	2.3	76	0.00
40 TM	Benzene	50.000	51.909	-3.8	80	0.00
41 T	Methacrylonitrile	50.000	51.945	-3.9	74	0.00
42 TM	1,2-Dichloroethane	50.000	50.982	-2.0	79	0.00
43 T	Isopropyl Acetate	50.000	54.422	-8.8	82	0.00
44 TM	Trichloroethene	50.000	50.180	-0.4	78	0.00
45 C	1,2-Dichloropropane	50.000	54.172	-8.3#	84	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	52.925	-5.8	82	0.00
47 T	Bromodichloromethane	50.000	52.450	-4.9	80	0.00
48 T	Methyl methacrylate	50.000	53.533	-7.1	80	0.00
49 T	1,4-Dioxane	1000.000	1048.115	-4.8	81	0.00
50 S	Toluene-d8	50.000	55.127	-10.3	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	277.872	-11.1	83	0.00
52 CM	Toluene	50.000	50.820	-1.6#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	52.130	-4.3	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.768	-5.5	81	0.00
55 T	1,1,2-Trichloroethane	50.000	54.702	-9.4	83	0.00
56 T	Ethyl methacrylate	50.000	53.846	-7.7	80	0.00
57 T	1,3-Dichloropropane	50.000	53.760	-7.5	81	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.847	-4.3	87	0.00
59 T	2-Hexanone	250.000	264.525	-5.8	75	0.00
60 T	Dibromochloromethane	50.000	52.296	-4.6	78	0.00
61 T	1,2-Dibromoethane	50.000	53.446	-6.9	81	0.00
62 S	4-Bromofluorobenzene	50.000	51.531	-3.1	83	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	48.946	2.1	76	0.00
65 PM	Chlorobenzene	50.000	51.155	-2.3	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.580	-3.2	79	0.00
67 C	Ethyl Benzene	50.000	51.509	-3.0#	79	0.00
68 T	m/p-Xylenes	100.000	103.257	-3.3	78	0.00
69 T	o-Xylene	50.000	51.345	-2.7	77	0.00
70 T	Styrene	50.000	52.000	-4.0	78	0.00
71 P	Bromoform	50.000	52.038	-4.1	75	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	0.00
73 T	Isopropylbenzene	50.000	51.984	-4.0	79	0.00
74 T	N-amyl acetate	50.000	53.465	-6.9	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.922	-9.8	80	0.00
76 T	1,2,3-Trichloropropane	50.000	56.934	-13.9	94	0.00
77 T	Bromobenzene	50.000	50.828	-1.7	77	0.00
78 T	n-propylbenzene	50.000	52.568	-5.1	78	0.00
79 T	2-Chlorotoluene	50.000	51.909	-3.8	78	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.736	-3.5	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.958	-7.9	75	0.00
82 T	4-Chlorotoluene	50.000	51.974	-3.9	77	0.00
83 T	tert-Butylbenzene	50.000	51.989	-4.0	77	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.902	-3.8	77	0.00
85 T	sec-Butylbenzene	50.000	52.290	-4.6	78	0.00
86 T	p-Isopropyltoluene	50.000	51.837	-3.7	77	0.00
87 T	1,3-Dichlorobenzene	50.000	51.291	-2.6	77	0.00
88 T	1,4-Dichlorobenzene	50.000	51.041	-2.1	77	0.00
89 T	n-Butylbenzene	50.000	52.014	-4.0	77	0.00

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90 T	Hexachloroethane	50.000	52.264	-4.5	76	0.00
91 T	1,2-Dichlorobenzene	50.000	50.916	-1.8	77	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.598	-7.2	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.817	0.4	75	0.00
94 T	Hexachlorobutadiene	50.000	49.074	1.9	76	0.00
95 T	Naphthalene	50.000	52.929	-5.9	78	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.954	-1.9	77	0.00

(#) = Out of Range

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