

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv021820\
 Data File : VY001687.D
 Acq On : 18 Feb 2020 21:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 19 08:07:21 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	78	0.00
2 T	Dichlorodifluoromethane	50.000	53.331	-6.7	77	0.00
3 P	Chloromethane	50.000	53.216	-6.4	82	0.00
4 C	Vinyl Chloride	50.000	51.116	-2.2#	78	0.00
5 T	Bromomethane	50.000	54.799	-9.6	84	0.00
6 T	Chloroethane	50.000	52.477	-5.0	82	0.00
7 T	Trichlorofluoromethane	50.000	51.944	-3.9	81	0.00
8 T	Diethyl Ether	50.000	54.100	-8.2	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.887	-3.8	81	0.01
10 T	Methyl Iodide	50.000	52.397	-4.8	76	0.00
11 T	Tert butyl alcohol	250.000	260.300	-4.1	84	0.01
12 CM	1,1-Dichloroethene	50.000	51.544	-3.1#	81	0.01
13 T	Acrolein	250.000	230.619	7.8	76	0.01
14 T	Allyl chloride	50.000	53.048	-6.1	83	0.01
15 T	Acrylonitrile	250.000	280.446	-12.2	87	0.00
16 T	Acetone	250.000	211.578	15.4	57	0.01
17 T	Carbon Disulfide	50.000	50.450	-0.9	78	0.01
18 T	Methyl Acetate	50.000	54.910	-9.8	87	0.00
19 T	Methyl tert-butyl Ether	50.000	53.696	-7.4	84	0.00
20 T	Methylene Chloride	50.000	49.702	0.6	85	0.01
21 T	trans-1,2-Dichloroethene	50.000	52.255	-4.5	83	0.01
22 T	Diisopropyl ether	50.000	54.856	-9.7	86	0.01
23 T	Vinyl Acetate	250.000	277.684	-11.1	85	0.01
24 P	1,1-Dichloroethane	50.000	53.544	-7.1	84	0.01
25 T	2-Butanone	250.000	254.439	-1.8	73	0.01
26 T	2,2-Dichloropropane	50.000	48.116	3.8	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.942	-5.9	84	0.01
28 T	Bromochloromethane	50.000	58.597	-17.2	87	0.00
29 T	Tetrahydrofuran	250.000	276.623	-10.6	84	0.00
30 C	Chloroform	50.000	52.742	-5.5#	84	0.01
31 T	Cyclohexane	50.000	48.577	2.8	80	0.01
32 T	1,1,1-Trichloroethane	50.000	51.712	-3.4	81	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.419	-4.8	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35 S	Dibromofluoromethane	50.000	48.761	2.5	83	0.00
36 T	1,1-Dichloropropene	50.000	49.719	0.6	80	0.00
37 T	Ethyl Acetate	50.000	53.612	-7.2	86	0.00
38 T	Carbon Tetrachloride	50.000	50.158	-0.3	79	0.00
39 T	Methylcyclohexane	50.000	48.844	2.3	79	0.00
40 TM	Benzene	50.000	52.435	-4.9	84	0.00
41 T	Methacrylonitrile	50.000	55.087	-10.2	82	0.01
42 TM	1,2-Dichloroethane	50.000	53.338	-6.7	86	0.00
43 T	Isopropyl Acetate	50.000	55.327	-10.7	86	0.00
44 TM	Trichloroethene	50.000	50.702	-1.4	82	0.00
45 C	1,2-Dichloropropane	50.000	53.947	-7.9#	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	53.325	-6.7	85	0.00
47 T	Bromodichloromethane	50.000	53.778	-7.6	86	0.00
48 T	Methyl methacrylate	50.000	55.107	-10.2	86	0.00
49 T	1,4-Dioxane	1000.000	1001.962	-0.2	81	0.00
50 S	Toluene-d8	50.000	51.693	-3.4	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	279.251	-11.7	86	0.00
52 CM	Toluene	50.000	51.481	-3.0#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	52.884	-5.8	82	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.461	-4.9	83	0.00
55 T	1,1,2-Trichloroethane	50.000	54.453	-8.9	86	0.00
56 T	Ethyl methacrylate	50.000	54.864	-9.7	84	0.00
57 T	1,3-Dichloropropane	50.000	53.868	-7.7	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	280.065	-12.0	96	0.00
59 T	2-Hexanone	250.000	259.212	-3.7	76	0.00
60 T	Dibromochloromethane	50.000	52.720	-5.4	82	0.00
61 T	1,2-Dibromoethane	50.000	54.251	-8.5	85	0.00
62 S	4-Bromofluorobenzene	50.000	47.519	5.0	80	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	50.701	-1.4	83	0.00
65 PM	Chlorobenzene	50.000	51.585	-3.2	83	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.434	-4.9	84	0.00
67 C	Ethyl Benzene	50.000	51.482	-3.0#	83	0.00
68 T	m/p-Xylenes	100.000	102.653	-2.7	82	0.00
69 T	o-Xylene	50.000	51.657	-3.3	82	0.00
70 T	Styrene	50.000	52.402	-4.8	83	0.00
71 P	Bromoform	50.000	52.678	-5.4	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	50.000	50.796	-1.6	81	0.00
74 T	N-amyl acetate	50.000	54.358	-8.7	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.856	-7.7	83	0.00
76 T	1,2,3-Trichloropropane	50.000	47.898	4.2	83	0.00
77 T	Bromobenzene	50.000	52.055	-4.1	83	0.00
78 T	n-propylbenzene	50.000	51.564	-3.1	81	0.00
79 T	2-Chlorotoluene	50.000	51.640	-3.3	82	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.841	-3.7	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.102	-0.2	74	0.00
82 T	4-Chlorotoluene	50.000	51.634	-3.3	80	0.00
83 T	tert-Butylbenzene	50.000	51.439	-2.9	80	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.014	-4.0	82	0.00
85 T	sec-Butylbenzene	50.000	51.378	-2.8	81	0.00
86 T	p-Isopropyltoluene	50.000	51.215	-2.4	80	0.00
87 T	1,3-Dichlorobenzene	50.000	51.980	-4.0	82	0.00
88 T	1,4-Dichlorobenzene	50.000	50.994	-2.0	82	0.00
89 T	n-Butylbenzene	50.000	50.560	-1.1	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.356	-2.7	79	0.00
91 T	1,2-Dichlorobenzene	50.000	51.702	-3.4	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.834	-1.7	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.850	2.3	78	0.00
94 T	Hexachlorobutadiene	50.000	46.847	6.3	77	0.00
95 T	Naphthalene	50.000	51.389	-2.8	80	0.01
96 T	1,2,3-Trichlorobenzene	50.000	50.390	-0.8	80	0.00

(#) = Out of Range

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