

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012920\
 Data File : VY001422.D
 Acq On : 29 Jan 2020 16:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 29 17:00:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 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	96	-0.01
2 T	Dichlorodifluoromethane	50.000	52.259	-4.5	100	0.00
3 P	Chloromethane	50.000	50.628	-1.3	101	0.00
4 C	Vinyl Chloride	50.000	50.899	-1.8#	99	0.00
5 T	Bromomethane	50.000	51.070	-2.1	103	0.00
6 T	Chloroethane	50.000	52.857	-5.7	103	0.00
7 T	Trichlorofluoromethane	50.000	54.429	-8.9	106	0.00
8 T	Diethyl Ether	50.000	52.300	-4.6	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.895	-9.8	105	0.00
10 T	Methyl Iodide	50.000	52.673	-5.3	96	0.00
11 T	Tert butyl alcohol	250.000	218.327	12.7	89	0.00
12 CM	1,1-Dichloroethene	50.000	53.185	-6.4#	104	-0.01
13 T	Acrolein	250.000	243.208	2.7	103	0.00
14 T	Allyl chloride	50.000	53.974	-7.9	105	-0.01
15 T	Acrylonitrile	250.000	268.915	-7.6	106	-0.01
16 T	Acetone	250.000	299.125	-19.7	111	0.00
17 T	Carbon Disulfide	50.000	50.148	-0.3	99	0.00
18 T	Methyl Acetate	50.000	51.334	-2.7	106	-0.01
19 T	Methyl tert-butyl Ether	50.000	53.404	-6.8	104	-0.01
20 T	Methylene Chloride	50.000	52.646	-5.3	104	-0.01
21 T	trans-1,2-Dichloroethene	50.000	51.780	-3.6	102	-0.01
22 T	Diisopropyl ether	50.000	53.950	-7.9	106	-0.01
23 T	Vinyl Acetate	250.000	270.918	-8.4	105	-0.01
24 P	1,1-Dichloroethane	50.000	54.886	-9.8	107	-0.02
25 T	2-Butanone	250.000	268.038	-7.2	106	0.00
26 T	2,2-Dichloropropane	50.000	52.354	-4.7	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.892	-7.8	105	-0.01
28 T	Bromochloromethane	50.000	60.748	-21.5	114	-0.01
29 T	Tetrahydrofuran	250.000	263.298	-5.3	104	-0.01
30 C	Chloroform	50.000	54.155	-8.3#	108	-0.01
31 T	Cyclohexane	50.000	51.728	-3.5	105	-0.01
32 T	1,1,1-Trichloroethane	50.000	55.332	-10.7	108	-0.01
33 S	1,2-Dichloroethane-d4	50.000	52.451	-4.9	98	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	51.793	-3.6	101	-0.01
36 T	1,1-Dichloropropene	50.000	53.097	-6.2	105	0.00
37 T	Ethyl Acetate	50.000	52.957	-5.9	104	0.00
38 T	Carbon Tetrachloride	50.000	53.958	-7.9	105	0.00
39 T	Methylcyclohexane	50.000	52.433	-4.9	102	0.00
40 TM	Benzene	50.000	53.555	-7.1	106	0.00
41 T	Methacrylonitrile	50.000	57.666	-15.3	119	-0.01
42 TM	1,2-Dichloroethane	50.000	52.936	-5.9	104	0.00
43 T	Isopropyl Acetate	50.000	54.543	-9.1	105	0.00
44 TM	Trichloroethene	50.000	52.929	-5.9	106	0.00
45 C	1,2-Dichloropropane	50.000	54.018	-8.0#	106	0.00

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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)
46 T	Dibromomethane	50.000	53.125	-6.3	105	0.00
47 T	Bromodichloromethane	50.000	53.597	-7.2	106	0.00
48 T	Methyl methacrylate	50.000	53.819	-7.6	106	0.00
49 T	1,4-Dioxane	1000.000	1019.165	-1.9	102	0.00
50 S	Toluene-d8	50.000	54.232	-8.5	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.345	-8.1	106	0.00
52 CM	Toluene	50.000	53.304	-6.6#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	53.852	-7.7	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.844	-7.7	105	0.00
55 T	1,1,2-Trichloroethane	50.000	53.125	-6.3	103	0.00
56 T	Ethyl methacrylate	50.000	54.193	-8.4	105	0.00
57 T	1,3-Dichloropropane	50.000	54.325	-8.7	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	243.563	2.6	110	0.00
59 T	2-Hexanone	250.000	280.276	-12.1	107	0.00
60 T	Dibromochloromethane	50.000	54.084	-8.2	106	0.00
61 T	1,2-Dibromoethane	50.000	54.286	-8.6	105	0.00
62 S	4-Bromofluorobenzene	50.000	51.557	-3.1	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	51.886	-3.8	104	0.00
65 PM	Chlorobenzene	50.000	53.303	-6.6	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.030	-8.1	105	0.00
67 C	Ethyl Benzene	50.000	53.665	-7.3#	105	0.00
68 T	m/p-Xylenes	100.000	106.065	-6.1	104	0.00
69 T	o-Xylene	50.000	53.589	-7.2	105	0.00
70 T	Styrene	50.000	54.678	-9.4	107	0.00
71 P	Bromoform	50.000	53.671	-7.3	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	52.475	-5.0	103	0.00
74 T	N-amyl acetate	50.000	54.814	-9.6	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.514	-9.0	105	0.00
76 T	1,2,3-Trichloropropane	50.000	51.282	-2.6	100	0.00
77 T	Bromobenzene	50.000	52.924	-5.8	104	0.00
78 T	n-propylbenzene	50.000	53.439	-6.9	104	0.00
79 T	2-Chlorotoluene	50.000	52.990	-6.0	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.721	-5.4	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.552	-9.1	107	0.00
82 T	4-Chlorotoluene	50.000	52.328	-4.7	103	0.00
83 T	tert-Butylbenzene	50.000	53.776	-7.6	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.333	-4.7	103	0.00
85 T	sec-Butylbenzene	50.000	53.446	-6.9	102	0.00
86 T	p-Isopropyltoluene	50.000	52.498	-5.0	102	0.00
87 T	1,3-Dichlorobenzene	50.000	52.605	-5.2	103	0.00
88 T	1,4-Dichlorobenzene	50.000	52.448	-4.9	104	0.00
89 T	n-Butylbenzene	50.000	53.504	-7.0	105	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	54.289	-8.6	104	0.00
91 T	1,2-Dichlorobenzene	50.000	53.144	-6.3	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.845	-5.7	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.796	0.4	101	0.00
94 T	Hexachlorobutadiene	50.000	50.997	-2.0	102	0.00
95 T	Naphthalene	50.000	53.194	-6.4	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.744	-1.5	102	0.00

(#) = Out of Range

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