

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW012320\
 Data File : VW014734.D
 Acq On : 23 Jan 2020 19:40
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 24 06:31:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 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	67	0.00
2 T	Dichlorodifluoromethane	50.000	50.353	-0.7	72	0.00
3 P	Chloromethane	50.000	52.256	-4.5	82	0.00
4 C	Vinyl Chloride	50.000	56.243	-12.5#	79	0.00
5 T	Bromomethane	50.000	58.643	-17.3	82	0.00
6 T	Chloroethane	50.000	65.619	-31.2#	90	0.00
7 T	Trichlorofluoromethane	50.000	57.587	-15.2	79	0.00
8 T	Diethyl Ether	50.000	57.332	-14.7	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.926	-11.9	77	0.00
10 T	Methyl Iodide	50.000	52.066	-4.1	71	0.00
11 T	Tert butyl alcohol	250.000	318.655	-27.5#	78	0.00
12 CM	1,1-Dichloroethene	50.000	53.921	-7.8#	74	0.00
13 T	Acrolein	250.000	391.134	-56.5#	98	0.00
14 T	Allyl chloride	50.000	58.986	-18.0	79	0.00
15 T	Acrylonitrile	250.000	326.548	-30.6#	82	0.00
16 T	Acetone	250.000	269.338	-7.7	71	0.00
17 T	Carbon Disulfide	50.000	51.341	-2.7	70	0.00
18 T	Methyl Acetate	50.000	64.696	-29.4#	82	0.00
19 T	Methyl tert-butyl Ether	50.000	68.095	-36.2#	89	0.00
20 T	Methylene Chloride	50.000	59.258	-18.5	78	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.869	-9.7	75	0.00
22 T	Diisopropyl ether	50.000	63.457	-26.9#	85	0.00
23 T	Vinyl Acetate	250.000	315.455	-26.2#	80	0.00
24 P	1,1-Dichloroethane	50.000	58.747	-17.5	80	0.00
25 T	2-Butanone	250.000	309.524	-23.8	77	0.00
26 T	2,2-Dichloropropane	50.000	55.730	-11.5	80	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.912	-11.8	76	0.00
28 T	Bromochloromethane	50.000	74.034	-48.1#	99	0.00
29 T	Tetrahydrofuran	250.000	324.406	-29.8#	81	0.00
30 C	Chloroform	50.000	58.998	-18.0#	81	0.00
31 T	Cyclohexane	50.000	53.631	-7.3	76	0.00
32 T	1,1,1-Trichloroethane	50.000	58.123	-16.2	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	61.357	-22.7	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35 S	Dibromofluoromethane	50.000	56.017	-12.0	78	0.00
36 T	1,1-Dichloropropene	50.000	55.023	-10.0	77	0.00
37 T	Ethyl Acetate	50.000	64.151	-28.3#	83	0.00
38 T	Carbon Tetrachloride	50.000	55.175	-10.3	77	0.00
39 T	Methylcyclohexane	50.000	52.641	-5.3	74	0.00
40 TM	Benzene	50.000	55.786	-11.6	79	0.00
41 T	Methacrylonitrile	50.000	65.015	-30.0#	85	0.00
42 TM	1,2-Dichloroethane	50.000	60.020	-20.0	83	0.00
43 T	Isopropyl Acetate	50.000	62.428	-24.9	82	0.00
44 TM	Trichloroethene	50.000	52.807	-5.6	75	0.00
45 C	1,2-Dichloropropane	50.000	57.731	-15.5#	81	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	57.742	-15.5	78	0.00
47 T	Bromodichloromethane	50.000	58.201	-16.4	80	0.00
48 T	Methyl methacrylate	50.000	63.876	-27.8#	82	0.00
49 T	1,4-Dioxane	1000.000	1148.556	-14.9	72	0.00
50 S	Toluene-d8	50.000	54.359	-8.7	76	0.00
51 T	4-Methyl-2-Pentanone	250.000	324.919	-30.0#	83	0.00
52 CM	Toluene	50.000	54.621	-9.2#	76	0.00
53 T	t-1,3-Dichloropropene	50.000	58.054	-16.1	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.059	-12.1	77	0.00
55 T	1,1,2-Trichloroethane	50.000	57.528	-15.1	78	0.00
56 T	Ethyl methacrylate	50.000	61.103	-22.2	78	0.00
57 T	1,3-Dichloropropane	50.000	57.812	-15.6	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	372.962	-49.2#	96	0.00
59 T	2-Hexanone	250.000	326.041	-30.4#	81	0.00
60 T	Dibromochloromethane	50.000	55.961	-11.9	76	0.00
61 T	1,2-Dibromoethane	50.000	56.941	-13.9	77	0.00
62 S	4-Bromofluorobenzene	50.000	54.948	-9.9	77	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	71	0.00
64 T	Tetrachloroethene	50.000	55.197	-10.4	80	0.00
65 PM	Chlorobenzene	50.000	53.226	-6.5	76	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.274	-8.5	76	0.00
67 C	Ethyl Benzene	50.000	54.484	-9.0#	77	0.00
68 T	m/p-Xylenes	100.000	107.369	-7.4	76	0.00
69 T	o-Xylene	50.000	54.508	-9.0	77	0.00
70 T	Styrene	50.000	55.379	-10.8	77	0.00
71 P	Bromoform	50.000	56.408	-12.8	76	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	70	0.00
73 T	Isopropylbenzene	50.000	53.996	-8.0	76	0.00
74 T	N-amyl acetate	50.000	62.819	-25.6#	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	58.036	-16.1	78	0.00
76 T	1,2,3-Trichloropropane	50.000	60.351	-20.7	76	0.00
77 T	Bromobenzene	50.000	53.164	-6.3	74	0.00
78 T	n-propylbenzene	50.000	55.090	-10.2	77	0.00
79 T	2-Chlorotoluene	50.000	54.385	-8.8	77	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.251	-8.5	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.034	-16.1	74	0.00
82 T	4-Chlorotoluene	50.000	54.784	-9.6	78	0.00
83 T	tert-Butylbenzene	50.000	54.289	-8.6	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.596	-9.2	77	0.00
85 T	sec-Butylbenzene	50.000	54.613	-9.2	77	0.00
86 T	p-Isopropyltoluene	50.000	54.046	-8.1	75	0.00
87 T	1,3-Dichlorobenzene	50.000	53.336	-6.7	75	0.00
88 T	1,4-Dichlorobenzene	50.000	52.525	-5.0	74	0.00
89 T	n-Butylbenzene	50.000	55.272	-10.5	76	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	53.281	-6.6	75	0.00
91 T	1,2-Dichlorobenzene	50.000	53.823	-7.6	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.072	-16.1	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.621	-9.2	73	0.00
94 T	Hexachlorobutadiene	50.000	52.543	-5.1	75	0.00
95 T	Naphthalene	50.000	61.100	-22.2	75	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.711	-7.4	71	0.00

(#) = Out of Range

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