

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW090519\
 Data File : VW012655.D
 Acq On : 05 Sep 2019 21:28
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 06 08:27:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	53.006	-6.0	82	0.00
3 P	Chloromethane	50.000	46.463	7.1	77	0.00
4 C	Vinyl Chloride	50.000	43.489	13.0#	70	0.00
5 T	Bromomethane	50.000	48.635	2.7	76	0.00
6 T	Chloroethane	50.000	46.350	7.3	73	-0.01
7 T	Trichlorofluoromethane	50.000	51.997	-4.0	82	-0.01
8 T	Diethyl Ether	50.000	58.458	-16.9	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.589	-9.2	87	-0.01
10 T	Methyl Iodide	50.000	57.426	-14.9	91	0.00
11 T	Tert butyl alcohol	250.000	309.465	-23.8#	100	0.03
12 CM	1,1-Dichloroethene	50.000	54.054	-8.1#	86	-0.01
13 T	Acrolein	250.000	271.278	-8.5	97	0.00
14 T	Allyl chloride	50.000	54.419	-8.8	86	0.00
15 T	Acrylonitrile	250.000	304.132	-21.7#	99	0.00
16 T	Acetone	250.000	248.368	0.7	73	0.00
17 T	Carbon Disulfide	50.000	47.259	5.5	72	-0.01
18 T	Methyl Acetate	50.000	66.025	-32.1#	110	0.00
19 T	Methyl tert-butyl Ether	50.000	65.259	-30.5#	104	0.00
20 T	Methylene Chloride	50.000	55.349	-10.7	94	-0.01
21 T	trans-1,2-Dichloroethene	50.000	56.501	-13.0	90	0.00
22 T	Diisopropyl ether	50.000	58.800	-17.6	94	0.00
23 T	Vinyl Acetate	250.000	297.844	-19.1	92	0.00
24 P	1,1-Dichloroethane	50.000	58.434	-16.9	94	0.00
25 T	2-Butanone	250.000	286.432	-14.6	88	0.00
26 T	2,2-Dichloropropane	50.000	55.479	-11.0	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	60.026	-20.1#	96	0.00
28 T	Bromochloromethane	50.000	54.861	-9.7	98	0.00
29 T	Tetrahydrofuran	250.000	308.070	-23.2#	96	0.00
30 C	Chloroform	50.000	61.010	-22.0#	100	0.00
31 T	Cyclohexane	50.000	48.575	2.8	81	0.00
32 T	1,1,1-Trichloroethane	50.000	60.567	-21.1#	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.943	-9.9	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35 S	Dibromofluoromethane	50.000	56.841	-13.7	94	0.00
36 T	1,1-Dichloropropene	50.000	58.147	-16.3	91	0.00
37 T	Ethyl Acetate	50.000	60.405	-20.8#	95	0.00
38 T	Carbon Tetrachloride	50.000	61.115	-22.2#	96	0.00
39 T	Methylcyclohexane	50.000	54.113	-8.2	83	0.00
40 TM	Benzene	50.000	59.680	-19.4	94	0.00
41 T	Methacrylonitrile	50.000	64.667	-29.3#	102	0.00
42 TM	1,2-Dichloroethane	50.000	64.347	-28.7#	102	0.00
43 T	Isopropyl Acetate	50.000	63.499	-27.0#	99	0.00
44 TM	Trichloroethene	50.000	61.974	-23.9#	98	0.00
45 C	1,2-Dichloropropane	50.000	58.812	-17.6#	93	0.00

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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)
46 T	Dibromomethane	50.000	63.439	-26.9#	101	0.00
47 T	Bromodichloromethane	50.000	64.080	-28.2#	100	0.00
48 T	Methyl methacrylate	50.000	64.566	-29.1#	98	0.00
49 T	1,4-Dioxane	1000.000	1237.978	-23.8#	97	0.02
50 S	Toluene-d8	50.000	53.549	-7.1	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	323.985	-29.6#	101	0.00
52 CM	Toluene	50.000	61.351	-22.7#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	64.362	-28.7#	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	62.157	-24.3#	96	0.00
55 T	1,1,2-Trichloroethane	50.000	63.980	-28.0#	102	0.00
56 T	Ethyl methacrylate	50.000	65.992	-32.0#	100	0.00
57 T	1,3-Dichloropropane	50.000	63.387	-26.8#	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	306.030	-22.4#	103	0.00
59 T	2-Hexanone	250.000	306.212	-22.5#	91	0.00
60 T	Dibromochloromethane	50.000	66.823	-33.6#	103	0.00
61 T	1,2-Dibromoethane	50.000	65.167	-30.3#	101	0.00
62 S	4-Bromofluorobenzene	50.000	50.355	-0.7	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	68.947	-37.9#	100	0.00
65 PM	Chlorobenzene	50.000	59.878	-19.8	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	63.940	-27.9#	93	0.00
67 C	Ethyl Benzene	50.000	59.940	-19.9#	88	0.00
68 T	m/p-Xylenes	100.000	120.504	-20.5#	87	0.00
69 T	o-Xylene	50.000	62.699	-25.4#	90	0.00
70 T	Styrene	50.000	63.698	-27.4#	91	0.00
71 P	Bromoform	50.000	71.444	-42.9#	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	55.208	-10.4	91	0.00
74 T	N-amyl acetate	50.000	55.311	-10.6	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.025	-14.0	96	0.00
76 T	1,2,3-Trichloropropane	50.000	53.901	-7.8	91	0.00
77 T	Bromobenzene	50.000	59.504	-19.0	100	0.00
78 T	n-propylbenzene	50.000	53.615	-7.2	88	0.00
79 T	2-Chlorotoluene	50.000	55.524	-11.0	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.064	-14.1	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.208	-12.4	91	0.00
82 T	4-Chlorotoluene	50.000	54.898	-9.8	91	0.00
83 T	tert-Butylbenzene	50.000	58.238	-16.5	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.990	-14.0	94	0.00
85 T	sec-Butylbenzene	50.000	57.870	-15.7	96	0.00
86 T	p-Isopropyltoluene	50.000	58.793	-17.6	96	0.00
87 T	1,3-Dichlorobenzene	50.000	58.693	-17.4	100	0.00
88 T	1,4-Dichlorobenzene	50.000	60.126	-20.3#	102	0.00
89 T	n-Butylbenzene	50.000	59.343	-18.7	96	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	59.702	-19.4	97	0.00
91 T	1,2-Dichlorobenzene	50.000	62.475	-25.0#	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	64.643	-29.3#	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	65.879	-31.8#	107	0.00
94 T	Hexachlorobutadiene	50.000	64.694	-29.4#	110	0.00
95 T	Naphthalene	50.000	60.623	-21.2#	108	0.00
96 T	1,2,3-Trichlorobenzene	50.000	66.632	-33.3#	108	0.00

(#) = Out of Range

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