

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW090319\
 Data File : VW012557.D
 Acq On : 03 Sep 2019 19:46
 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 04 07:09:54 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	47.821	4.4	76	0.00
3 P	Chloromethane	50.000	48.750	2.5	82	0.00
4 C	Vinyl Chloride	50.000	43.524	13.0#	71	0.00
5 T	Bromomethane	50.000	45.771	8.5	73	0.00
6 T	Chloroethane	50.000	45.692	8.6	74	-0.01
7 T	Trichlorofluoromethane	50.000	55.026	-10.1	89	-0.01
8 T	Diethyl Ether	50.000	55.912	-11.8	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.388	-2.8	84	-0.01
10 T	Methyl Iodide	50.000	53.251	-6.5	86	0.00
11 T	Tert butyl alcohol	250.000	300.090	-20.0#	99	0.01
12 CM	1,1-Dichloroethene	50.000	51.212	-2.4#	83	0.00
13 T	Acrolein	250.000	364.596	-45.8#	133	0.00
14 T	Allyl chloride	50.000	51.863	-3.7	84	0.00
15 T	Acrylonitrile	250.000	292.109	-16.8	97	0.00
16 T	Acetone	250.000	243.284	2.7	72	0.00
17 T	Carbon Disulfide	50.000	45.698	8.6	71	0.00
18 T	Methyl Acetate	50.000	61.623	-23.2#	105	0.00
19 T	Methyl tert-butyl Ether	50.000	60.899	-21.8#	99	0.00
20 T	Methylene Chloride	50.000	52.124	-4.2	90	-0.01
21 T	trans-1,2-Dichloroethene	50.000	52.809	-5.6	86	0.00
22 T	Diisopropyl ether	50.000	56.187	-12.4	92	0.00
23 T	Vinyl Acetate	250.000	286.168	-14.5	90	0.00
24 P	1,1-Dichloroethane	50.000	54.508	-9.0	90	0.00
25 T	2-Butanone	250.000	274.233	-9.7	86	0.00
26 T	2,2-Dichloropropane	50.000	52.205	-4.4	87	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.042	-12.1	91	0.00
28 T	Bromochloromethane	50.000	52.985	-6.0	97	0.00
29 T	Tetrahydrofuran	250.000	297.089	-18.8	95	0.00
30 C	Chloroform	50.000	57.090	-14.2#	95	0.00
31 T	Cyclohexane	50.000	46.669	6.7	79	0.00
32 T	1,1,1-Trichloroethane	50.000	55.088	-10.2	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.349	-10.7	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	53.224	-6.4	93	0.00
36 T	1,1-Dichloropropene	50.000	52.027	-4.1	86	0.00
37 T	Ethyl Acetate	50.000	57.469	-14.9	95	0.00
38 T	Carbon Tetrachloride	50.000	54.826	-9.7	91	0.00
39 T	Methylcyclohexane	50.000	50.486	-1.0	82	0.00
40 TM	Benzene	50.000	53.734	-7.5	89	0.00
41 T	Methacrylonitrile	50.000	58.675	-17.3	97	0.00
42 TM	1,2-Dichloroethane	50.000	58.894	-17.8	98	0.00
43 T	Isopropyl Acetate	50.000	57.879	-15.8	96	0.00
44 TM	Trichloroethene	50.000	54.089	-8.2	90	0.00
45 C	1,2-Dichloropropane	50.000	53.768	-7.5#	90	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	56.963	-13.9	95	0.00
47 T	Bromodichloromethane	50.000	57.024	-14.0	94	0.00
48 T	Methyl methacrylate	50.000	58.377	-16.8	94	0.00
49 T	1,4-Dioxane	1000.000	1145.655	-14.6	95	0.01
50 S	Toluene-d8	50.000	51.109	-2.2	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	297.673	-19.1	98	0.00
52 CM	Toluene	50.000	54.717	-9.4#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	57.856	-15.7	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.420	-10.8	90	0.00
55 T	1,1,2-Trichloroethane	50.000	57.674	-15.3	97	0.00
56 T	Ethyl methacrylate	50.000	59.875	-19.8	96	0.00
57 T	1,3-Dichloropropane	50.000	57.719	-15.4	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	293.677	-17.5	104	0.00
59 T	2-Hexanone	250.000	284.718	-13.9	89	0.00
60 T	Dibromochloromethane	50.000	59.229	-18.5	96	0.00
61 T	1,2-Dibromoethane	50.000	57.922	-15.8	95	0.00
62 S	4-Bromofluorobenzene	50.000	53.541	-7.1	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	55.518	-11.0	92	0.00
65 PM	Chlorobenzene	50.000	54.824	-9.6	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.353	-16.7	96	0.00
67 C	Ethyl Benzene	50.000	55.204	-10.4#	92	0.00
68 T	m/p-Xylenes	100.000	110.405	-10.4	91	0.00
69 T	o-Xylene	50.000	56.385	-12.8	93	0.00
70 T	Styrene	50.000	56.969	-13.9	93	0.00
71 P	Bromoform	50.000	59.862	-19.7	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	52.947	-5.9	92	0.00
74 T	N-amyl acetate	50.000	55.299	-10.6	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.113	-8.2	96	0.00
76 T	1,2,3-Trichloropropane	50.000	51.610	-3.2	92	0.00
77 T	Bromobenzene	50.000	54.914	-9.8	97	0.00
78 T	n-propylbenzene	50.000	52.445	-4.9	91	0.00
79 T	2-Chlorotoluene	50.000	52.834	-5.7	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.911	-7.8	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.633	-9.3	93	0.00
82 T	4-Chlorotoluene	50.000	53.442	-6.9	94	0.00
83 T	tert-Butylbenzene	50.000	53.977	-8.0	94	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.557	-7.1	93	0.00
85 T	sec-Butylbenzene	50.000	52.559	-5.1	92	0.00
86 T	p-Isopropyltoluene	50.000	53.671	-7.3	93	0.00
87 T	1,3-Dichlorobenzene	50.000	53.802	-7.6	97	0.00
88 T	1,4-Dichlorobenzene	50.000	53.838	-7.7	96	0.00
89 T	n-Butylbenzene	50.000	52.544	-5.1	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.058	-6.1	91	0.00
91 T	1,2-Dichlorobenzene	50.000	54.792	-9.6	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.146	-14.3	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.697	-15.4	99	0.00
94 T	Hexachlorobutadiene	50.000	57.092	-14.2	102	0.00
95 T	Naphthalene	50.000	53.515	-7.0	99	0.00
96 T	1,2,3-Trichlorobenzene	50.000	57.526	-15.1	98	0.00

(#) = Out of Range

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