

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW083119\
 Data File : VW012412.D
 Acq On : 31 Aug 2019 20:17
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 01 04:49:51 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	80	0.00
2 T	Dichlorodifluoromethane	50.000	49.294	1.4	72	0.00
3 P	Chloromethane	50.000	54.163	-8.3	84	0.00
4 C	Vinyl Chloride	50.000	52.974	-5.9#	79	0.00
5 T	Bromomethane	50.000	55.963	-11.9	82	-0.04
6 T	Chloroethane	50.000	56.536	-13.1	84	-0.01
7 T	Trichlorofluoromethane	50.000	58.513	-17.0	87	-0.01
8 T	Diethyl Ether	50.000	55.179	-10.4	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.421	-4.8	78	0.00
10 T	Methyl Iodide	50.000	56.535	-13.1	84	0.00
11 T	Tert butyl alcohol	250.000	307.286	-22.9#	93	-0.02
12 CM	1,1-Dichloroethene	50.000	52.116	-4.2#	78	-0.01
13 T	Acrolein	250.000	250.299	-0.1	84	0.00
14 T	Allyl chloride	50.000	55.544	-11.1	82	0.00
15 T	Acrylonitrile	250.000	291.446	-16.6	89	0.00
16 T	Acetone	250.000	270.612	-8.2	74	0.00
17 T	Carbon Disulfide	50.000	49.924	0.2	72	0.00
18 T	Methyl Acetate	50.000	57.989	-16.0	91	0.00
19 T	Methyl tert-butyl Ether	50.000	62.697	-25.4#	94	0.00
20 T	Methylene Chloride	50.000	55.264	-10.5	88	-0.01
21 T	trans-1,2-Dichloroethene	50.000	54.653	-9.3	82	0.00
22 T	Diisopropyl ether	50.000	59.650	-19.3	90	0.00
23 T	Vinyl Acetate	250.000	286.359	-14.5	83	0.00
24 P	1,1-Dichloroethane	50.000	56.915	-13.8	86	0.00
25 T	2-Butanone	250.000	279.056	-11.6	80	0.00
26 T	2,2-Dichloropropane	50.000	53.628	-7.3	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	57.044	-14.1	85	0.00
28 T	Bromochloromethane	50.000	54.288	-8.6	91	0.00
29 T	Tetrahydrofuran	250.000	293.371	-17.3	86	0.00
30 C	Chloroform	50.000	58.287	-16.6#	90	0.00
31 T	Cyclohexane	50.000	47.561	4.9	74	0.00
32 T	1,1,1-Trichloroethane	50.000	57.421	-14.8	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.446	-8.9	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	51.641	-3.3	84	0.00
36 T	1,1-Dichloropropene	50.000	53.039	-6.1	82	0.00
37 T	Ethyl Acetate	50.000	55.123	-10.2	85	0.00
38 T	Carbon Tetrachloride	50.000	55.015	-10.0	85	0.00
39 T	Methylcyclohexane	50.000	50.043	-0.1	75	0.00
40 TM	Benzene	50.000	54.882	-9.8	85	0.00
41 T	Methacrylonitrile	50.000	52.645	-5.3	81	0.00
42 TM	1,2-Dichloroethane	50.000	59.561	-19.1	92	0.00
43 T	Isopropyl Acetate	50.000	56.265	-12.5	86	0.00
44 TM	Trichloroethene	50.000	54.282	-8.6	84	0.00
45 C	1,2-Dichloropropane	50.000	55.662	-11.3#	86	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	57.734	-15.5	90	0.00
47 T	Bromodichloromethane	50.000	58.028	-16.1	89	0.00
48 T	Methyl methacrylate	50.000	58.287	-16.6	87	0.00
49 T	1,4-Dioxane	1000.000	1122.128	-12.2	87	0.00
50 S	Toluene-d8	50.000	49.940	0.1	80	0.00
51 T	4-Methyl-2-Pentanone	250.000	288.201	-15.3	88	0.00
52 CM	Toluene	50.000	55.918	-11.8#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	57.963	-15.9	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.298	-12.6	85	0.00
55 T	1,1,2-Trichloroethane	50.000	56.764	-13.5	89	0.00
56 T	Ethyl methacrylate	50.000	58.458	-16.9	87	0.00
57 T	1,3-Dichloropropane	50.000	57.947	-15.9	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	282.617	-13.0	93	0.00
59 T	2-Hexanone	250.000	284.532	-13.8	83	0.00
60 T	Dibromochloromethane	50.000	59.402	-18.8	90	0.00
61 T	1,2-Dibromoethane	50.000	57.335	-14.7	88	0.00
62 S	4-Bromofluorobenzene	50.000	51.070	-2.1	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	56.651	-13.3	89	0.00
65 PM	Chlorobenzene	50.000	55.009	-10.0	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.995	-14.0	90	0.00
67 C	Ethyl Benzene	50.000	54.724	-9.4#	87	0.00
68 T	m/p-Xylenes	100.000	108.891	-8.9	86	0.00
69 T	o-Xylene	50.000	55.216	-10.4	87	0.00
70 T	Styrene	50.000	56.046	-12.1	87	0.00
71 P	Bromoform	50.000	57.659	-15.3	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	52.318	-4.6	86	0.00
74 T	N-amyl acetate	50.000	55.544	-11.1	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.694	-5.4	88	0.00
76 T	1,2,3-Trichloropropane	50.000	52.965	-5.9	89	0.00
77 T	Bromobenzene	50.000	54.716	-9.4	91	0.00
78 T	n-propylbenzene	50.000	52.587	-5.2	86	0.00
79 T	2-Chlorotoluene	50.000	53.796	-7.6	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.266	-8.5	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.272	-4.5	84	0.00
82 T	4-Chlorotoluene	50.000	53.862	-7.7	89	0.00
83 T	tert-Butylbenzene	50.000	53.892	-7.8	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.196	-8.4	89	0.00
85 T	sec-Butylbenzene	50.000	52.508	-5.0	86	0.00
86 T	p-Isopropyltoluene	50.000	53.902	-7.8	88	0.00
87 T	1,3-Dichlorobenzene	50.000	54.291	-8.6	92	0.00
88 T	1,4-Dichlorobenzene	50.000	54.052	-8.1	91	0.00
89 T	n-Butylbenzene	50.000	52.903	-5.8	85	0.00

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90 T	Hexachloroethane	50.000	54.387	-8.8	88	0.00
91 T	1,2-Dichlorobenzene	50.000	55.006	-10.0	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.804	-9.6	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.188	-12.4	91	0.00
94 T	Hexachlorobutadiene	50.000	55.980	-12.0	94	0.00
95 T	Naphthalene	50.000	51.181	-2.4	89	0.00
96 T	1,2,3-Trichlorobenzene	50.000	56.666	-13.3	91	0.00

(#) = Out of Range

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