

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW090119\
 Data File : VW012486.D
 Acq On : 02 Sep 2019 08:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 02 09:36:57 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	68	0.00
2 T	Dichlorodifluoromethane	50.000	52.636	-5.3	65	0.00
3 P	Chloromethane	50.000	53.587	-7.2	70	0.00
4 C	Vinyl Chloride	50.000	50.887	-1.8#	64	0.00
5 T	Bromomethane	50.000	45.182	9.6	56	-0.05
6 T	Chloroethane	50.000	51.162	-2.3	64	-0.02
7 T	Trichlorofluoromethane	50.000	54.508	-9.0	68	-0.02
8 T	Diethyl Ether	50.000	54.838	-9.7	69	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.470	-12.9	71	-0.01
10 T	Methyl Iodide	50.000	53.991	-8.0	67	0.00
11 T	Tert butyl alcohol	250.000	369.283	-47.7#	94	0.00
12 CM	1,1-Dichloroethene	50.000	54.535	-9.1#	69	-0.01
13 T	Acrolein	250.000	147.435	41.0#	42	0.00
14 T	Allyl chloride	50.000	52.908	-5.8	66	0.00
15 T	Acrylonitrile	250.000	322.231	-28.9#	83	0.00
16 T	Acetone	250.000	268.793	-7.5	62	0.00
17 T	Carbon Disulfide	50.000	49.845	0.3	60	0.00
18 T	Methyl Acetate	50.000	80.114	-60.2#	106	0.00
19 T	Methyl tert-butyl Ether	50.000	61.879	-23.8#	78	0.00
20 T	Methylene Chloride	50.000	50.197	-0.4	67	-0.01
21 T	trans-1,2-Dichloroethene	50.000	52.928	-5.9	67	0.00
22 T	Diisopropyl ether	50.000	55.108	-10.2	70	0.00
23 T	Vinyl Acetate	250.000	265.050	-6.0	65	0.00
24 P	1,1-Dichloroethane	50.000	53.820	-7.6	69	0.00
25 T	2-Butanone	250.000	305.494	-22.2#	74	0.00
26 T	2,2-Dichloropropane	50.000	49.283	1.4	64	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.513	-9.0	69	0.00
28 T	Bromochloromethane	50.000	50.867	-1.7	72	0.00
29 T	Tetrahydrofuran	250.000	331.761	-32.7#	82	0.00
30 C	Chloroform	50.000	54.847	-9.7#	71	0.00
31 T	Cyclohexane	50.000	50.976	-2.0	67	0.00
32 T	1,1,1-Trichloroethane	50.000	58.782	-17.6	76	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.221	-10.4	74	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	66	0.00
35 S	Dibromofluoromethane	50.000	53.350	-6.7	70	0.00
36 T	1,1-Dichloropropene	50.000	56.436	-12.9	70	0.00
37 T	Ethyl Acetate	50.000	61.944	-23.9#	77	0.00
38 T	Carbon Tetrachloride	50.000	59.693	-19.4	74	0.00
39 T	Methylcyclohexane	50.000	57.924	-15.8	70	0.00
40 TM	Benzene	50.000	55.099	-10.2	68	0.00
41 T	Methacrylonitrile	50.000	68.021	-36.0#	84	0.00
42 TM	1,2-Dichloroethane	50.000	59.853	-19.7	75	0.00
43 T	Isopropyl Acetate	50.000	61.939	-23.9#	76	0.00
44 TM	Trichloroethene	50.000	56.031	-12.1	70	0.00
45 C	1,2-Dichloropropane	50.000	54.018	-8.0#	67	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	59.910	-19.8	75	0.00
47 T	Bromodichloromethane	50.000	57.417	-14.8	71	0.00
48 T	Methyl methacrylate	50.000	65.301	-30.6#	78	0.00
49 T	1,4-Dioxane	1000.000	1529.088	-52.9#	95	0.00
50 S	Toluene-d8	50.000	53.630	-7.3	69	0.00
51 T	4-Methyl-2-Pentanone	250.000	331.735	-32.7#	81	0.00
52 CM	Toluene	50.000	56.211	-12.4#	69	0.00
53 T	t-1,3-Dichloropropene	50.000	56.945	-13.9	68	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.482	-9.0	66	0.00
55 T	1,1,2-Trichloroethane	50.000	58.268	-16.5	73	0.00
56 T	Ethyl methacrylate	50.000	63.128	-26.3#	76	0.00
57 T	1,3-Dichloropropane	50.000	59.736	-19.5	74	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	310.402	-24.2#	82	0.00
59 T	2-Hexanone	250.000	325.476	-30.2#	76	0.00
60 T	Dibromochloromethane	50.000	59.962	-19.9	73	0.00
61 T	1,2-Dibromoethane	50.000	61.153	-22.3#	75	0.00
62 S	4-Bromofluorobenzene	50.000	53.388	-6.8	70	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	66	0.00
64 T	Tetrachloroethene	50.000	64.412	-28.8#	80	0.00
65 PM	Chlorobenzene	50.000	55.147	-10.3	70	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.561	-15.1	71	0.00
67 C	Ethyl Benzene	50.000	56.548	-13.1#	71	0.00
68 T	m/p-Xylenes	100.000	111.901	-11.9	70	0.00
69 T	o-Xylene	50.000	56.308	-12.6	69	0.00
70 T	Styrene	50.000	56.778	-13.6	69	0.00
71 P	Bromoform	50.000	63.657	-27.3#	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	66	0.00
73 T	Isopropylbenzene	50.000	56.961	-13.9	71	0.00
74 T	N-amyl acetate	50.000	59.850	-19.7	73	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	60.640	-21.3#	77	0.00
76 T	1,2,3-Trichloropropane	50.000	60.448	-20.9#	77	0.00
77 T	Bromobenzene	50.000	57.382	-14.8	73	0.00
78 T	n-propylbenzene	50.000	55.647	-11.3	69	0.00
79 T	2-Chlorotoluene	50.000	55.702	-11.4	70	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.919	-13.8	70	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.021	-16.0	71	0.00
82 T	4-Chlorotoluene	50.000	55.328	-10.7	70	0.00
83 T	tert-Butylbenzene	50.000	59.422	-18.8	74	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.871	-11.7	70	0.00
85 T	sec-Butylbenzene	50.000	57.744	-15.5	72	0.00
86 T	p-Isopropyltoluene	50.000	56.969	-13.9	70	0.00
87 T	1,3-Dichlorobenzene	50.000	54.720	-9.4	70	0.00
88 T	1,4-Dichlorobenzene	50.000	53.967	-7.9	69	0.00
89 T	n-Butylbenzene	50.000	54.386	-8.8	67	0.00

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

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90 T	Hexachloroethane	50.000	57.729	-15.5	71	0.00
91 T	1,2-Dichlorobenzene	50.000	57.579	-15.2	72	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	67.001	-34.0#	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.954	-9.9	67	0.00
94 T	Hexachlorobutadiene	50.000	58.994	-18.0	75	0.00
95 T	Naphthalene	50.000	57.929	-15.9	77	0.00
96 T	1,2,3-Trichlorobenzene	50.000	58.013	-16.0	71	0.00

(#) = Out of Range

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