

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU091219\
 Data File : VU034547.D
 Acq On : 13 Sep 2019 01:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 13 08:33:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 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	71	0.00
2 T	Dichlorodifluoromethane	50.000	50.246	-0.5	77	0.00
3 P	Chloromethane	50.000	54.105	-8.2	78	0.00
4 C	Vinyl Chloride	50.000	50.419	-0.8#	79	0.00
5 T	Bromomethane	50.000	62.930	-25.9#	88	0.00
6 T	Chloroethane	50.000	56.006	-12.0	79	0.00
7 T	Trichlorofluoromethane	50.000	54.460	-8.9	84	0.00
8 T	Diethyl Ether	50.000	56.371	-12.7	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.387	-8.8	85	0.00
10 T	Methyl Iodide	50.000	55.173	-10.3	83	0.00
11 T	Tert butyl alcohol	250.000	325.431	-30.2#	96	0.00
12 CM	1,1-Dichloroethene	50.000	54.619	-9.2#	84	0.00
13 T	Acrolein	250.000	212.645	14.9	63	0.00
14 T	Allyl chloride	50.000	53.144	-6.3	81	0.00
15 T	Acrylonitrile	250.000	294.295	-17.7	83	0.00
16 T	Acetone	250.000	241.839	3.3	75	0.00
17 T	Carbon Disulfide	50.000	45.014	10.0	71	0.00
18 T	Methyl Acetate	50.000	56.441	-12.9	88	0.00
19 T	Methyl tert-butyl Ether	50.000	60.632	-21.3#	89	0.00
20 T	Methylene Chloride	50.000	59.968	-19.9	86	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.975	-8.0	83	0.00
22 T	Diisopropyl ether	50.000	59.904	-19.8	86	0.00
23 T	Vinyl Acetate	250.000	298.501	-19.4	84	0.00
24 P	1,1-Dichloroethane	50.000	56.271	-12.5	86	0.00
25 T	2-Butanone	250.000	291.683	-16.7	82	0.00
26 T	2,2-Dichloropropane	50.000	45.433	9.1	69	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.859	-17.7	89	0.00
28 T	Bromochloromethane	50.000	58.681	-17.4	81	0.00
29 T	Tetrahydrofuran	250.000	300.770	-20.3#	84	0.00
30 C	Chloroform	50.000	56.371	-12.7#	87	0.00
31 T	Cyclohexane	50.000	51.799	-3.6	79	0.00
32 T	1,1,1-Trichloroethane	50.000	57.222	-14.4	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.471	-6.9	77	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35 S	Dibromofluoromethane	50.000	54.323	-8.6	79	0.00
36 T	1,1-Dichloropropene	50.000	54.530	-9.1	83	0.00
37 T	Ethyl Acetate	50.000	58.236	-16.5	85	0.00
38 T	Carbon Tetrachloride	50.000	57.238	-14.5	88	0.00
39 T	Methylcyclohexane	50.000	53.386	-6.8	79	0.00
40 TM	Benzene	50.000	56.509	-13.0	85	0.00
41 T	Methacrylonitrile	50.000	61.882	-23.8#	86	0.00
42 TM	1,2-Dichloroethane	50.000	56.982	-14.0	87	0.00
43 T	Isopropyl Acetate	50.000	59.918	-19.8	87	0.00
44 TM	Trichloroethene	50.000	56.735	-13.5	87	0.00
45 C	1,2-Dichloropropane	50.000	57.569	-15.1#	87	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	57.574	-15.1	86	0.00
47 T	Bromodichloromethane	50.000	57.813	-15.6	88	0.00
48 T	Methyl methacrylate	50.000	58.983	-18.0	85	0.00
49 T	1,4-Dioxane	1000.000	1294.838	-29.5#	94	0.00
50 S	Toluene-d8	50.000	53.650	-7.3	74	0.00
51 T	4-Methyl-2-Pentanone	250.000	302.866	-21.1#	87	0.00
52 CM	Toluene	50.000	58.111	-16.2#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	57.506	-15.0	85	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.744	-15.5	84	0.00
55 T	1,1,2-Trichloroethane	50.000	58.848	-17.7	88	0.00
56 T	Ethyl methacrylate	50.000	56.192	-12.4	88	0.00
57 T	1,3-Dichloropropane	50.000	58.541	-17.1	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	250.266	-0.1	73	0.00
59 T	2-Hexanone	250.000	304.739	-21.9#	85	0.00
60 T	Dibromochloromethane	50.000	62.069	-24.1#	92	0.00
61 T	1,2-Dibromoethane	50.000	58.766	-17.5	87	0.00
62 S	4-Bromofluorobenzene	50.000	54.500	-9.0	80	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64 T	Tetrachloroethene	50.000	58.526	-17.1	90	0.00
65 PM	Chlorobenzene	50.000	59.062	-18.1	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	59.605	-19.2	91	0.00
67 C	Ethyl Benzene	50.000	59.944	-19.9#	87	0.00
68 T	m/p-Xylenes	100.000	125.012	-25.0#	87	0.00
69 T	o-Xylene	50.000	62.576	-25.2#	88	0.00
70 T	Styrene	50.000	64.995	-30.0#	89	0.00
71 P	Bromoform	50.000	61.693	-23.4#	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	0.00
73 T	Isopropylbenzene	50.000	59.231	-18.5	89	0.00
74 T	N-amyl acetate	50.000	61.122	-22.2#	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.322	-12.6	90	0.00
76 T	1,2,3-Trichloropropane	50.000	58.136	-16.3	93	0.00
77 T	Bromobenzene	50.000	57.962	-15.9	90	0.00
78 T	n-propylbenzene	50.000	58.700	-17.4	87	0.00
79 T	2-Chlorotoluene	50.000	58.496	-17.0	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	61.005	-22.0#	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.518	7.0	69	0.00
82 T	4-Chlorotoluene	50.000	59.016	-18.0	88	0.00
83 T	tert-Butylbenzene	50.000	59.772	-19.5	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	61.135	-22.3#	88	0.00
85 T	sec-Butylbenzene	50.000	60.075	-20.2#	88	0.00
86 T	p-Isopropyltoluene	50.000	60.201	-20.4#	88	0.00
87 T	1,3-Dichlorobenzene	50.000	57.658	-15.3	90	0.00
88 T	1,4-Dichlorobenzene	50.000	55.699	-11.4	89	0.00
89 T	n-Butylbenzene	50.000	58.983	-18.0	83	0.00

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

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90 T	Hexachloroethane	50.000	56.423	-12.8	88	0.00
91 T	1,2-Dichlorobenzene	50.000	58.139	-16.3	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	61.522	-23.0#	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.777	-9.6	88	0.00
94 T	Hexachlorobutadiene	50.000	50.266	-0.5	78	0.00
95 T	Naphthalene	50.000	56.132	-12.3	90	0.00
96 T	1,2,3-Trichlorobenzene	50.000	56.828	-13.7	89	0.00

(#) = Out of Range

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