

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU090319\
 Data File : VU034211.D
 Acq On : 02 Sep 2019 18:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 03 07:29:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 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	56	0.00
2 T	Dichlorodifluoromethane	50.000	33.154	33.7#	32	0.00
3 P	Chloromethane	50.000	64.335	-28.7#	65	0.00
4 C	Vinyl Chloride	50.000	53.190	-6.4#	54	0.00
5 T	Bromomethane	50.000	77.083	-54.2#	73	0.01
6 T	Chloroethane	50.000	62.687	-25.4#	67	0.00
7 T	Trichlorofluoromethane	50.000	40.912	18.2	42	0.00
8 T	Diethyl Ether	50.000	83.150	-66.3#	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	36.500	27.0#	38	0.00
10 T	Methyl Iodide	50.000	38.745	22.5#	38	0.00
11 T	Tert butyl alcohol	250.000	398.697	-59.5#	83	0.00
12 CM	1,1-Dichloroethene	50.000	52.559	-5.1#	54	0.00
13 T	Acrolein	250.000	269.996	-8.0	58	0.00
14 T	Allyl chloride	50.000	67.756	-35.5#	70	0.00
15 T	Acrylonitrile	250.000	447.472	-79.0#	90	0.00
16 T	Acetone	250.000	380.742	-52.3#	79	0.00
17 T	Carbon Disulfide	50.000	43.667	12.7	46	0.00
18 T	Methyl Acetate	50.000	85.841	-71.7#	95	0.00
19 T	Methyl tert-butyl Ether	50.000	87.557	-75.1#	87	0.00
20 T	Methylene Chloride	50.000	74.001	-48.0#	79	0.00
21 T	trans-1,2-Dichloroethene	50.000	57.939	-15.9	59	0.00
22 T	Diisopropyl ether	50.000	82.634	-65.3#	83	0.00
23 T	Vinyl Acetate	250.000	425.772	-70.3#	83	0.00
24 P	1,1-Dichloroethane	50.000	71.307	-42.6#	73	0.00
25 T	2-Butanone	250.000	436.607	-74.6#	85	0.00
26 T	2,2-Dichloropropane	50.000	46.335	7.3	47	0.00
27 T	cis-1,2-Dichloroethene	50.000	69.546	-39.1#	72	0.00
28 T	Bromochloromethane	50.000	80.454	-60.9#	83	0.00
29 T	Tetrahydrofuran	250.000	455.257	-82.1#	89	0.00
30 C	Chloroform	50.000	69.599	-39.2#	74	0.00
31 T	Cyclohexane	50.000	33.472	33.1#	35	0.00
32 T	1,1,1-Trichloroethane	50.000	54.449	-8.9	56	0.00
33 S	1,2-Dichloroethane-d4	50.000	77.589	-55.2#	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	66	0.00
35 S	Dibromofluoromethane	50.000	62.752	-25.5#	79	0.00
36 T	1,1-Dichloropropene	50.000	37.772	24.5#	46	0.00
37 T	Ethyl Acetate	50.000	73.121	-46.2#	86	0.00
38 T	Carbon Tetrachloride	50.000	39.012	22.0#	47	0.00
39 T	Methylcyclohexane	50.000	28.126	43.7#	33	0.00
40 TM	Benzene	50.000	53.917	-7.8	66	0.00
41 T	Methacrylonitrile	50.000	77.736	-55.5#	88	0.00
42 TM	1,2-Dichloroethane	50.000	66.019	-32.0#	80	0.00
43 T	Isopropyl Acetate	50.000	73.509	-47.0#	87	0.00
44 TM	Trichloroethene	50.000	46.948	6.1	58	0.00
45 C	1,2-Dichloropropane	50.000	61.900	-23.8#	74	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	65.564	-31.1#	80	0.00
47 T	Bromodichloromethane	50.000	62.528	-25.1#	76	0.00
48 T	Methyl methacrylate	50.000	72.408	-44.8#	83	0.00
49 T	1,4-Dioxane	1000.000	1261.875	-26.2#	75	0.00
50 S	Toluene-d8	50.000	49.318	1.4	59	0.00
51 T	4-Methyl-2-Pentanone	250.000	365.014	-46.0#	87	0.00
52 CM	Toluene	50.000	47.770	4.5#	57	0.00
53 T	t-1,3-Dichloropropene	50.000	59.526	-19.1	71	0.00
54 T	cis-1,3-Dichloropropene	50.000	58.646	-17.3	70	0.00
55 T	1,1,2-Trichloroethane	50.000	65.070	-30.1#	79	0.00
56 T	Ethyl methacrylate	50.000	62.211	-24.4#	81	0.00
57 T	1,3-Dichloropropane	50.000	64.332	-28.7#	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	347.504	-39.0#	73	0.00
59 T	2-Hexanone	250.000	364.656	-45.9#	85	0.00
60 T	Dibromochloromethane	50.000	63.537	-27.1#	78	0.00
61 T	1,2-Dibromoethane	50.000	63.819	-27.6#	78	0.00
62 S	4-Bromofluorobenzene	50.000	47.586	4.8	61	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	63	0.00
64 T	Tetrachloroethene	50.000	41.577	16.8	48	0.00
65 PM	Chlorobenzene	50.000	49.424	1.2	58	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.252	-12.5	67	0.00
67 C	Ethyl Benzene	50.000	42.790	14.4#	48	0.00
68 T	m/p-Xylenes	100.000	87.731	12.3	49	0.00
69 T	o-Xylene	50.000	47.523	5.0	53	0.00
70 T	Styrene	50.000	51.608	-3.2	56	0.00
71 P	Bromoform	50.000	66.391	-32.8#	78	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	60	0.00
73 T	Isopropylbenzene	50.000	41.080	17.8	44	0.00
74 T	N-amyl acetate	50.000	74.056	-48.1#	77	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	71.335	-42.7#	82	0.00
76 T	1,2,3-Trichloropropane	50.000	68.286	-36.6#	75	0.00
77 T	Bromobenzene	50.000	52.806	-5.6	60	0.00
78 T	n-propylbenzene	50.000	39.655	20.7#	43	0.00
79 T	2-Chlorotoluene	50.000	44.954	10.1	49	0.00
80 T	1,3,5-Trimethylbenzene	50.000	43.222	13.6	46	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.359	-12.7	64	0.00
82 T	4-Chlorotoluene	50.000	44.450	11.1	49	0.00
83 T	tert-Butylbenzene	50.000	40.516	19.0	44	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.205	9.6	47	0.00
85 T	sec-Butylbenzene	50.000	37.163	25.7#	40	0.00
86 T	p-Isopropyltoluene	50.000	38.751	22.5#	41	0.00
87 T	1,3-Dichlorobenzene	50.000	46.823	6.4	53	0.00
88 T	1,4-Dichlorobenzene	50.000	46.222	7.6	53	0.00
89 T	n-Butylbenzene	50.000	37.353	25.3#	39	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	34.635	30.7#	39	0.00
91 T	1,2-Dichlorobenzene	50.000	51.529	-3.1	57	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	73.842	-47.7#	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.224	11.6	50	0.00
94 T	Hexachlorobutadiene	50.000	31.903	36.2#	36	0.00
95 T	Naphthalene	50.000	59.050	-18.1	68	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.687	-5.4	55	0.00

(#) = Out of Range

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