

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092218\
 Data File : VU026972.D
 Acq On : 21 Sep 2018 17:04
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU092218

Quant Time: Sep 22 01:37:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 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	113	0.00
2 T	Dichlorodifluoromethane	50.000	46.702	6.6	108	0.00
3 P	Chloromethane	50.000	44.252	11.5	107	0.00
4 C	Vinyl Chloride	50.000	45.640	8.7#	106	0.00
5 T	Bromomethane	50.000	41.679	16.6	105	0.00
6 T	Chloroethane	50.000	45.408	9.2	106	0.00
7 T	Trichlorofluoromethane	50.000	46.622	6.8	108	0.00
8 T	Diethyl Ether	50.000	47.147	5.7	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.567	6.9	111	0.00
10 T	Methyl Iodide	50.000	49.736	0.5	112	0.00
11 T	Tert butyl alcohol	250.000	238.602	4.6	111	0.00
12 CM	1,1-Dichloroethene	50.000	47.293	5.4#	110	0.00
13 T	Acrolein	250.000	235.803	5.7	101	0.00
14 T	Allyl chloride	50.000	49.565	0.9	112	0.00
15 T	Acrylonitrile	250.000	233.801	6.5	104	0.00
16 T	Acetone	250.000	245.180	1.9	107	0.00
17 T	Carbon Disulfide	50.000	47.496	5.0	112	0.00
18 T	Methyl Acetate	50.000	45.571	8.9	103	0.00
19 T	Methyl tert-butyl Ether	50.000	49.639	0.7	111	0.00
20 T	Methylene Chloride	50.000	44.674	10.7	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.590	2.8	109	0.00
22 T	Diisopropyl ether	50.000	50.343	-0.7	108	0.00
23 T	Vinyl Acetate	250.000	252.760	-1.1	109	0.00
24 P	1,1-Dichloroethane	50.000	47.475	5.0	108	0.00
25 T	2-Butanone	250.000	229.422	8.2	105	0.00
26 T	2,2-Dichloropropane	50.000	47.906	4.2	110	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.453	1.1	111	0.00
28 T	Bromochloromethane	50.000	51.397	-2.8	113	0.00
29 T	Tetrahydrofuran	250.000	240.316	3.9	104	0.00
30 C	Chloroform	50.000	46.363	7.3#	107	0.00
31 T	Cyclohexane	50.000	48.743	2.5	110	0.00
32 T	1,1,1-Trichloroethane	50.000	47.811	4.4	108	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.207	9.6	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	114	0.00
35 S	Dibromofluoromethane	50.000	45.952	8.1	104	0.00
36 T	1,1-Dichloropropene	50.000	48.830	2.3	111	0.00
37 T	Ethyl Acetate	50.000	45.554	8.9	104	0.00
38 T	Carbon Tetrachloride	50.000	47.351	5.3	107	0.00
39 T	Methylcyclohexane	50.000	53.857	-7.7	114	0.00
40 TM	Benzene	50.000	47.966	4.1	109	0.00
41 T	Methacrylonitrile	50.000	50.237	-0.5	107	0.00
42 TM	1,2-Dichloroethane	50.000	47.076	5.8	105	0.00
43 T	Isopropyl Acetate	50.000	49.110	1.8	108	0.00
44 TM	Trichloroethene	50.000	49.758	0.5	112	0.00
45 C	1,2-Dichloropropane	50.000	48.052	3.9#	108	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	46.898	6.2	106	0.00
47 T	Bromodichloromethane	50.000	47.071	5.9	108	0.00
48 T	Methyl methacrylate	50.000	45.783	8.4	106	0.00
49 T	1,4-Dioxane	1000.000	1030.082	-3.0	117	0.00
50 S	Toluene-d8	50.000	47.390	5.2	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	244.147	2.3	104	0.00
52 CM	Toluene	50.000	49.617	0.8#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	52.144	-4.3	111	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.123	-0.2	108	0.00
55 T	1,1,2-Trichloroethane	50.000	47.845	4.3	106	0.00
56 T	Ethyl methacrylate	50.000	46.916	6.2	113	0.00
57 T	1,3-Dichloropropane	50.000	48.797	2.4	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	237.647	4.9	109	0.00
59 T	2-Hexanone	250.000	239.731	4.1	104	0.00
60 T	Dibromochloromethane	50.000	48.459	3.1	107	0.00
61 T	1,2-Dibromoethane	50.000	48.790	2.4	108	0.00
62 S	4-Bromofluorobenzene	50.000	49.251	1.5	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	49.100	1.8	111	0.00
65 PM	Chlorobenzene	50.000	48.258	3.5	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.929	2.1	107	0.00
67 C	Ethyl Benzene	50.000	52.961	-5.9#	109	0.00
68 T	m/p-Xylenes	100.000	98.955	1.0	109	0.00
69 T	o-Xylene	50.000	53.635	-7.3	109	0.00
70 T	Styrene	50.000	47.934	4.1	108	0.00
71 P	Bromoform	50.000	50.001	-0.0	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73 T	Isopropylbenzene	50.000	52.970	-5.9	110	0.00
74 T	N-amyl acetate	50.000	50.975	-2.0	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.779	12.4	104	0.00
76 T	1,2,3-Trichloropropane	50.000	42.688	14.6	97	0.00
77 T	Bromobenzene	50.000	49.399	1.2	108	0.00
78 T	n-propylbenzene	50.000	54.721	-9.4	109	0.00
79 T	2-Chlorotoluene	50.000	50.595	-1.2	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.771	-7.5	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.363	1.3	114	0.00
82 T	4-Chlorotoluene	50.000	52.184	-4.4	109	0.00
83 T	tert-Butylbenzene	50.000	51.504	-3.0	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.822	-7.6	108	0.00
85 T	sec-Butylbenzene	50.000	54.388	-8.8	110	0.00
86 T	p-Isopropyltoluene	50.000	49.949	0.1	111	0.00
87 T	1,3-Dichlorobenzene	50.000	49.493	1.0	110	0.00
88 T	1,4-Dichlorobenzene	50.000	46.715	6.6	110	0.00
89 T	n-Butylbenzene	50.000	49.292	1.4	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.041	5.9	109	0.00
91 T	1,2-Dichlorobenzene	50.000	46.423	7.2	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.638	6.7	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.923	-11.8	117	0.00
94 T	Hexachlorobutadiene	50.000	50.602	-1.2	112	0.00
95 T	Naphthalene	50.000	49.069	1.9	110	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.247	-8.5	113	0.00

(#) = Out of Range

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