

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX080818\  
 Data File : VX003916.D  
 Acq On : 08 Aug 2018 11:32  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Aug 09 03:31:06 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080618W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 07 07:45:48 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	46.826	6.3	84	0.00
3 P	Chloromethane	50.000	41.983	16.0	80	0.00
4 C	Vinyl Chloride	50.000	43.712	12.6#	82	0.00
5 T	Bromomethane	50.000	50.678	-1.4	85	0.00
6 T	Chloroethane	50.000	46.774	6.5	82	0.00
7 T	Trichlorofluoromethane	50.000	46.027	7.9	87	0.00
8 T	Diethyl Ether	50.000	47.806	4.4	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.982	6.0	91	0.00
10 T	Methyl Iodide	50.000	43.824	12.4	79	0.00
11 T	Tert butyl alcohol	250.000	233.339	6.7	87	-0.01
12 CM	1,1-Dichloroethene	50.000	45.487	9.0#	87	0.00
13 T	Acrolein	250.000	171.653	31.3#	65	0.00
14 T	Allyl chloride	50.000	46.321	7.4	85	0.00
15 T	Acrylonitrile	250.000	230.943	7.6	87	0.00
16 T	Acetone	250.000	230.029	8.0	88	0.00
17 T	Carbon Disulfide	50.000	43.648	12.7	82	0.00
18 T	Methyl Acetate	50.000	46.991	6.0	88	0.00
19 T	Methyl tert-butyl Ether	50.000	48.921	2.2	91	0.00
20 T	Methylene Chloride	50.000	48.176	3.6	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.029	9.9	88	0.00
22 T	Diisopropyl ether	50.000	48.533	2.9	92	0.00
23 T	Vinyl Acetate	250.000	254.307	-1.7	94	0.00
24 P	1,1-Dichloroethane	50.000	46.239	7.5	87	0.00
25 T	2-Butanone	250.000	240.915	3.6	88	0.00
26 T	2,2-Dichloropropane	50.000	48.768	2.5	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.095	3.8	92	0.00
28 T	Bromochloromethane	50.000	49.861	0.3	92	0.00
29 T	Tetrahydrofuran	250.000	239.867	4.1	89	0.00
30 C	Chloroform	50.000	48.095	3.8#	90	0.00
31 T	Cyclohexane	50.000	46.822	6.4	87	0.00
32 T	1,1,1-Trichloroethane	50.000	47.980	4.0	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.382	-0.8	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	50.406	-0.8	90	0.00
36 T	1,1-Dichloropropene	50.000	47.503	5.0	88	0.00
37 T	Ethyl Acetate	50.000	48.816	2.4	89	-0.01
38 T	Carbon Tetrachloride	50.000	48.388	3.2	87	0.00
39 T	Methylcyclohexane	50.000	49.326	1.3	90	0.00
40 TM	Benzene	50.000	48.743	2.5	90	0.00
41 T	Methacrylonitrile	50.000	49.791	0.4	91	0.00
42 TM	1,2-Dichloroethane	50.000	50.541	-1.1	93	0.00
43 T	Isopropyl Acetate	50.000	50.531	-1.1	90	0.00
44 TM	Trichloroethene	50.000	47.997	4.0	91	0.00
45 C	1,2-Dichloropropane	50.000	49.035	1.9#	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.352	1.3	91	0.00
47 T	Bromodichloromethane	50.000	50.701	-1.4	91	0.00
48 T	Methyl methacrylate	50.000	51.666	-3.3	90	0.00
49 T	1,4-Dioxane	1000.000	1017.641	-1.8	89	0.00
50 S	Toluene-d8	50.000	50.149	-0.3	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.054	-2.4	90	0.00
52 CM	Toluene	50.000	49.430	1.1#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	52.113	-4.2	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.214	-4.4	91	0.00
55 T	1,1,2-Trichloroethane	50.000	50.261	-0.5	91	0.00
56 T	Ethyl methacrylate	50.000	53.228	-6.5	92	0.00
57 T	1,3-Dichloropropane	50.000	50.622	-1.2	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	257.836	-3.1	88	0.00
59 T	2-Hexanone	250.000	261.019	-4.4	91	0.00
60 T	Dibromochloromethane	50.000	54.722	-9.4	95	0.00
61 T	1,2-Dibromoethane	50.000	52.721	-5.4	96	0.00
62 S	4-Bromofluorobenzene	50.000	55.331	-10.7	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	46.621	6.8	94	0.00
65 PM	Chlorobenzene	50.000	48.501	3.0	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.441	3.1	89	0.00
67 C	Ethyl Benzene	50.000	50.044	-0.1#	94	0.00
68 T	m/p-Xylenes	100.000	99.944	0.1	94	0.00
69 T	o-Xylene	50.000	52.290	-4.6	96	0.00
70 T	Styrene	50.000	54.601	-9.2	101	0.00
71 P	Bromoform	50.000	48.285	3.4	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	50.461	-0.9	96	0.00
74 T	N-amyl acetate	50.000	44.484	11.0	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.225	9.5	98	0.00
76 T	1,2,3-Trichloropropane	50.000	53.133	-6.3	112	0.00
77 T	Bromobenzene	50.000	48.485	3.0	104	0.00
78 T	n-propylbenzene	50.000	47.805	4.4	97	0.00
79 T	2-Chlorotoluene	50.000	47.479	5.0	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.722	2.6	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.715	8.6	99	0.00
82 T	4-Chlorotoluene	50.000	47.023	6.0	99	0.00
83 T	tert-Butylbenzene	50.000	49.602	0.8	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.235	-0.5	100	0.00
85 T	sec-Butylbenzene	50.000	50.234	-0.5	99	0.00
86 T	p-Isopropyltoluene	50.000	48.738	2.5	95	0.00
87 T	1,3-Dichlorobenzene	50.000	47.205	5.6	100	0.00
88 T	1,4-Dichlorobenzene	50.000	50.807	-1.6	102	0.00
89 T	n-Butylbenzene	50.000	48.205	3.6	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	45.737	8.5	91	0.00
91 T	1,2-Dichlorobenzene	50.000	45.726	8.5	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.456	9.1	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.851	-1.7	105	0.00
94 T	Hexachlorobutadiene	50.000	52.611	-5.2	107	0.00
95 T	Naphthalene	50.000	54.956	-9.9	104	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.106	-8.2	110	0.00

(#) = Out of Range

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