

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX060320\  
 Data File : VX016573.D  
 Acq On : 03 Jun 2020 17:51  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Jun 04 09:14:15 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 27 16:31:05 2020  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	86	0.00
2 T	Dichlorodifluoromethane	50.000	48.205	3.6	78	0.00
3 P	Chloromethane	50.000	45.242	9.5	78	0.00
4 C	Vinyl Chloride	50.000	47.353	5.3#	80	0.00
5 T	Bromomethane	50.000	46.350	7.3	82	0.00
6 T	Chloroethane	50.000	48.709	2.6	81	0.00
7 T	Trichlorofluoromethane	50.000	50.765	-1.5	85	0.00
8 T	Diethyl Ether	50.000	47.962	4.1	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.467	1.1	83	0.00
10 T	Methyl Iodide	50.000	39.898	20.2	69	0.00
11 T	Tert butyl alcohol	250.000	233.881	6.4	78	0.00
12 CM	1,1-Dichloroethene	50.000	48.819	2.4#	83	0.00
13 T	Acrolein	250.000	270.449	-8.2	97	0.00
14 T	Allyl chloride	50.000	46.327	7.3	77	0.00
15 T	Acrylonitrile	250.000	239.534	4.2	79	0.00
16 T	Acetone	250.000	231.908	7.2	77	0.00
17 T	Carbon Disulfide	50.000	45.548	8.9	77	0.00
18 T	Methyl Acetate	50.000	48.922	2.2	81	0.00
19 T	Methyl tert-butyl Ether	50.000	49.838	0.3	82	0.00
20 T	Methylene Chloride	50.000	47.251	5.5	81	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.910	2.2	83	0.00
22 T	Diisopropyl ether	50.000	46.200	7.6	75	0.00
23 T	Vinyl Acetate	250.000	237.787	4.9	76	0.00
24 P	1,1-Dichloroethane	50.000	48.126	3.7	80	0.00
25 T	2-Butanone	250.000	231.145	7.5	75	0.00
26 T	2,2-Dichloropropane	50.000	52.068	-4.1	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.886	4.2	81	0.00
28 T	Bromochloromethane	50.000	44.312	11.4	79	0.00
29 T	Tetrahydrofuran	250.000	233.499	6.6	75	0.00
30 C	Chloroform	50.000	49.999	0.0#	83	0.00
31 T	Cyclohexane	50.000	45.490	9.0	77	0.00
32 T	1,1,1-Trichloroethane	50.000	50.527	-1.1	83	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.012	2.0	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	51.199	-2.4	89	0.00
36 T	1,1-Dichloropropene	50.000	48.036	3.9	81	0.00
37 T	Ethyl Acetate	50.000	45.215	9.6	75	0.00
38 T	Carbon Tetrachloride	50.000	50.523	-1.0	84	0.00
39 T	Methylcyclohexane	50.000	50.792	-1.6	85	0.00
40 TM	Benzene	50.000	48.800	2.4	81	0.00
41 T	Methacrylonitrile	50.000	45.145	9.7	77	0.00
42 TM	1,2-Dichloroethane	50.000	48.451	3.1	80	0.00
43 T	Isopropyl Acetate	50.000	46.741	6.5	78	0.00
44 TM	Trichloroethene	50.000	46.304	7.4	80	0.00
45 C	1,2-Dichloropropane	50.000	48.586	2.8#	81	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.241	-0.5	84	0.00
47 T	Bromodichloromethane	50.000	50.302	-0.6	83	0.00
48 T	Methyl methacrylate	50.000	47.214	5.6	77	0.00
49 T	1,4-Dioxane	1000.000	948.776	5.1	78	0.00
50 S	Toluene-d8	50.000	51.058	-2.1	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.702	3.7	78	0.00
52 CM	Toluene	50.000	50.592	-1.2#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	51.355	-2.7	84	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.769	-1.5	84	0.00
55 T	1,1,2-Trichloroethane	50.000	50.581	-1.2	85	0.00
56 T	Ethyl methacrylate	50.000	50.796	-1.6	82	0.00
57 T	1,3-Dichloropropane	50.000	50.401	-0.8	83	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	240.761	3.7	80	0.00
59 T	2-Hexanone	250.000	240.580	3.8	77	0.00
60 T	Dibromochloromethane	50.000	52.641	-5.3	86	0.00
61 T	1,2-Dibromoethane	50.000	50.642	-1.3	84	0.00
62 S	4-Bromofluorobenzene	50.000	50.676	-1.4	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	42.080	15.8	73	0.00
65 PM	Chlorobenzene	50.000	50.118	-0.2	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.212	-4.4	88	0.00
67 C	Ethyl Benzene	50.000	49.898	0.2#	83	0.00
68 T	m/p-Xylenes	100.000	102.177	-2.2	84	0.00
69 T	o-Xylene	50.000	50.650	-1.3	84	0.00
70 T	Styrene	50.000	51.431	-2.9	83	0.00
71 P	Bromoform	50.000	53.741	-7.5	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	50.188	-0.4	85	0.00
74 T	N-amyl acetate	50.000	46.874	6.3	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.571	-13.1	94	0.00
76 T	1,2,3-Trichloropropane	50.000	48.215	3.6	82	0.00
77 T	Bromobenzene	50.000	49.699	0.6	86	0.00
78 T	n-propylbenzene	50.000	50.327	-0.7	84	0.00
79 T	2-Chlorotoluene	50.000	49.561	0.9	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.471	-2.9	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.351	3.3	83	0.00
82 T	4-Chlorotoluene	50.000	49.924	0.2	84	0.00
83 T	tert-Butylbenzene	50.000	54.377	-8.8	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.484	-3.0	86	0.00
85 T	sec-Butylbenzene	50.000	52.921	-5.8	89	0.00
86 T	p-Isopropyltoluene	50.000	53.682	-7.4	89	0.00
87 T	1,3-Dichlorobenzene	50.000	50.827	-1.7	87	0.00
88 T	1,4-Dichlorobenzene	50.000	49.558	0.9	86	0.00
89 T	n-Butylbenzene	50.000	53.530	-7.1	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.639	-5.3	88	0.00
91 T	1,2-Dichlorobenzene	50.000	49.635	0.7	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.737	2.5	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.725	-11.5	94	0.00
94 T	Hexachlorobutadiene	50.000	58.777	-17.6	104	0.00
95 T	Naphthalene	50.000	52.639	-5.3	88	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.935	-9.9	95	0.00

(#) = Out of Range

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